

BASINOL®

HIGH-TECH MADE IN GERMANY





BASINOL[®]
HIGH-TECH MADE IN GERMANY

High-tech lubricants
for the world of tomorrow

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BASINOL[®] is one of the most dynamic brands for premium lubricant products in the world



About us

An experienced team, broad know-how, far-sightedness and most modern production lines – these factors are decisive for our success. When it is about perfect lubrication, maximum reliability and quality at the highest level, then our lubricants are the number one choice! The quality management system guarantees a high standard of product and this attention to detail is carried through from production to shipping. We offer the customer a wide range of lubricants, including car and truck engine oils, racing and marine oils, gear oils for automatic and manual transmission, greases as well as high performance lubricants for industrial applications.

All of our products are designed for the highest technical requirements and have been tried and tested in practice successfully many a time. They are being developed in laboratory and produced from selected base oils with utmost care. All processes are subject to a strict control system. The further processing of the base oils is carried out only after they have been thoroughly checked and approved by our laboratory. Semi-finished and finished products are tested several times before they are bottled. Only after the bottled and labeled products have passed their final check they are released for dispatch.

The high quality and optimal composition of BASINOL[®] products are the basis of our success



BASINOL[®] Characteristics



Increased engine protection



Fuel and cost savings



Optimum operational performance



Reduction of CO₂ emissions



Extended oil change intervals



Optimum engine and transmission hygiene



Engine Oils for cars and vans

High-performance engine oils from BASINOL offer reliable wear protection and an excellent start-up and warm-up behaviour due to optimum low temperature properties and a low viscosity character.

BASINOL® Premium 016 LX

BASINOL Premium 016 LX is an HC synthetic low-friction engine oil for gasoline engines. BASINOL

Premium 016 LX is a fuel-saving specially formulated SAE 0W16 motor oil, which is suitable for certain gasoline engines of passenger cars of the Japanese OEMs, which are equipped with the latest technologies.

BASINOL Premium 016 LX was formulated with very special additives in order to minimize friction, wear and fuel consumption and to achieve excellent cold start properties. Extended oil change intervals according to the manufacturer's instructions can be achieved.

Before filling the motor, the viscosity specified by the manufacturer must be observed.



Characteristics

- excellent wear protection
- improved cleaning and dispersing power
- optimal lubrication security in the cold running phase
- very good cold start properties
- very wide operating temperature range

Fulfills

API SN/SN Plus/SN Plus Resource Conserving

BASINOL® Premium 020 PRO

BASINOL Premium 020 PRO is an HC synthetic low-friction engine oil for gasoline and diesel engines with fuel economy properties. The extremely low viscosity of this lubricant enables the latest engines to meet specified fuel economy goals. In addition, the engine oil forms a strong layer that absorbs harmful particles and keeps the engine clean and protected.

The motor oil offers comprehensive protection for a number of modern diesel and gasoline engines for passenger cars and light trucks, which are equipped with or without an exhaust gas aftertreatment system. In addition, it can run on the latest types of fuel, such as B. biofuels and fuels based on ethanol can be used.

The API SN Plus specification demonstrates the lubricant's compatibility with extremely fuel efficient GDI engines where the oil prevents LSPI from damaging engine components. With this engine oil, some of the most modern engines can achieve their target fuel efficiency.

BASINOL Premium 020 PRO can also be used in engines for which engine oils according to ACEA A1 / B1 are required.



Characteristics

- Noticeable fuel savings
- suitable for exhaust-optimized engines
- optimal cold start properties
- very wide operating temperature range
- excellent low oil consumption

Specifications

ACEA C6/C5, API SP/SN Plus/SN RC, ILSAC GF-5, ILSAC GF-6A

Fulfills

BMW Longlife-14FE+/17FE+, Chrysler MS 12145, Fiat 9.55535-GSX, Ford M2C 947-B1, M2C 962-A, Jaguar STJLR.03.5006, Land Rover STJLR.03.5006, MB 229.71/229.72, Opel / Vauxhall OV 0401547-A20, Volvo VCC RBS0-2AE

BASINOL® Premium Energy 020

Premium Energy 020 is an HC synthetic engine oil for gasoline engines in hybrid vehicles with fuel economy properties. Premium Energy 020 is suitable for year-round use even at the lowest temperatures.

With Premium Energy 020 it is possible to comply with the strict requirements of the EURO standards with regard to pollution. At the same time, an active contribution is made to reducing CO2 pollution.

Premium Energy 020 enables fuel savings of up to 3.1% – tested in the official ILSAC engine test.

The extraordinary flowability at the lowest temperatures ensures a safe cold start with minimal wear of moving components.



Characteristics

- excellent wear protection
- improved cleaning and dispersing power
- optimal lubrication security in the cold running phase
- very good cold start properties
- very wide operating temperature range

Specifications

API SP RC/SN Plus/SN RC, ILSAC GF-5/GF-6A

Fulfills

GM 6094M, 9.55535-CR1, 9.55535-GSX, dexos1™Gen3, M2C 947-B1/962-A, Chrysler MS 6395

BASINOL® Premium 030 LA

Premium 030 LA is an HC-synthetic low-friction engine oil for diesel engines with an exhaust gas aftertreatment system. It develops its excellent performance in modern diesel engines with exhaust gas aftertreatment systems.

The Premium 030 LA meets the most demanding requirements of vehicle manufacturers with regard to oxidation stability. According to the maintenance instructions, it can be used for extended oil change intervals of up to 30,000 km. The high-quality additive package with a pronounced cleaning effect keeps the engine clean under all operating conditions. The very limited SAPS share extends the service life of the diesel particulate filter and helps reduce emissions over the entire service life of the vehicle.



Characteristics

- particularly good resistance to oxidation
- belongs for exhaust-optimized engines
- exists for long oil change times
- recognizing cleaning and dispersing power
- reduced exhaust and particulate emissions

Specifications

ACEA C2

Fulfills

Fiat 9.55535-DS1/9.55535-GS1, Ford M2C 950-A, Iveco 18-1811 Class SC1 LV, PSA B71 2312, Suzuki

BASINOL® Premium 040 SX

Premium 040 SX is an HC-synthetic low-friction engine oil for passenger car gasoline and diesel engines.

Premium 040 SX is an advanced, high-alloy multigrade motor oil based on synthesis technology and PAO base oils and carefully selected, highly effective additives, which have a naturally high viscosity index, give this high-performance motor oil excellent properties.



Characteristics

- excellent corrosion protection
- excellent wear protection
- recognizable fuel savings
- suitable for exhaust-optimised engines
- good air release properties – low foam formation
- excellent cleaning and dispersing power
- very good cold start properties

Specifications

ACEA A3/B4, API SN

Fulfills

BMW Longlife 01, Mercedes-Benz: MB 229.3/229.5, Porsche A40,
Renault RN 0700/0710, Volkswagen 502.00/505.00

BASINOL® Premium Energy 0520

Premium Energy 0520 is a fuel-saving engine oil of SAE-grade 5W-20 with reduced HTHS viscosity. High-quality base oils of the latest synthesis technology and specially optimized additives ensure excellent cold start behaviour at low temperatures and wear protection. Thanks to its fuel-efficient characters, the Premium Energy 0520 has outstanding fuel-saving potential.

Premium Energy 0520 was developed for modern passenger cars and vans and especially for use in Asian and American vehicles.



Characteristics

- excellent wear protection
- improved cleaning and dispersing power
- optimal lubrication security in the cold running phase
- very good cold start properties
- very wide operating temperature range

Specifications

API SN Plus Resource Conserving, ILSAC GF-5

Fulfills

Chrysler MS 6395, Fiat 9.55535-CR1, Ford M2C 938-A/945-A, GM6094M

BASINOL® Premium 0530 PRO

BASINOL Premium 0530 PRO is an ultra-high-performance long-life engine oil for the latest car engines based on the latest synthesis technology and an innovative additive tailored to it.

Excellent cold start behavior ensures optimal lubrication security in the cold running phase. Extreme loads and high temperatures are safely controlled under all operating conditions. It guarantees a very high level of wear protection, significantly reduced friction losses and is extremely shear-stable.

With the highest demands on fuel savings, Premium 0530 PRO contributes to protecting the environment by reducing emissions (CO2 reduction). The minimal tendency to evaporate reduces the oil consumption and enables the longest oil change intervals in accordance with the respective manufacturer's instructions.

The use of Premium 0530 PRO prevents the premature fuel ignition LSPI (Low Speed Pre-Ignition) and the associated engine damage.

Premium 0530 PRO is suitable for use in the latest engines such as diesel engines with EURO 6 (DPF) and SCR exhaust gas aftertreatment, as well as gasoline engines with exhaust gas turbocharging and GPF.

It was developed for VW engines with extended maintenance intervals (WIV) and is therefore suitable for oil change intervals of up to 50,000 km or 2 years. BASINOL Premium 0530 PRO can be used in almost all long-life VW engines and is backwards compatible.

The manufacturer's specifications for operating fluids must be observed.

Premium 0530 PRO fulfills both the MB specification 229.52 and the MB specifications 229.51 and 229.31 and can be used without any problems in Daimler engines that require this specification.



Characteristics

- Noticeable fuel savings
- extremely high pressure absorption capacity
- suitable for long oil change times
- good shear stability
- excellent wear protection
- optimal good cold start properties
- very low oil consumption

Approval

Mercedes-Benz: 229.52

Specifications

ACEA C3, API SP/SN Plus

Fulfills

BMW Longlife-04, Mercedes-Benz: MB 229.31/229.51,
Volkswagen 504.00/507.00, Porsche C30



BASINOL® Superior 0530

Superior 0530 is a synthetic multigrade engine oil for gasoline engines. It is a fuel-efficient engine oil based on state-of-the-art synthesis technology for gasoline engines, including turbo versions and direct-injection engines. It can be used wherever low-friction properties of SAE 5W-30 viscosity grade engine oils are required.

Superior 0530 was developed specifically in view of the demanding requirements of the current ILSAC GF-6 standard, for which high fuel efficiency and low CO2 emissions are of great importance. It meets the requirements of SAE grade 5W-30. This viscosity setting provides excellent cold start performance even at the lowest ambient temperatures.

Superior 0530 is ideally suited for year-round use in modern passenger car gasoline engines of American and Asian manufacturers as well as for extended oil change intervals. Even under unfavorable operating conditions, a high level of protection is provided against sludging, coking, varnishing, corrosion, as well as contamination and clogging of the catalytic converter. It can be used, among other things, in engines where an engine oil in accordance with the General Motors specification GM dexos1™Gen2 is required.



Characteristics

- excellent wear protection
- noticeable fuel savings
- suitable for long oil change times
- low tendency to coking
- good corrosion protection
- LSPI protection
- optimal low temperature behavior
- reduces exhaust and particulate emissions
- very good cold start properties

- prevents residue formation
- Sticking and deposits are prevented

Specifications

API SP/SP RC/SN/SN Plus, ILSAC GF-6A/GF-5

Fulfills

9.55535-CR1, dexos1™Gen3, MS 13340, WSS-M2C945-A, WSS-M2C946-A, WSS-M2C947-A, WSS-M2C962-A, Chrysler MS 6395

BASINOL® Power Longlife 0530

Power Longlife 0530 is a fuel-saving engine oil with Longlife character of the SAE-grade 5W-30. High-quality base oils of the latest synthesis technology and specially optimized additives ensure a stable lubricating film at all operating temperatures, excellent wear protection and high engine cleanliness.

Power Longlife 0530 was developed for state-of-the-art passenger cars gasoline and diesel engines with extended maintenance intervals. It is also suitable for turbo engines, multi-valve technology, catalytic converters and common rail injection technology. The particularly low-pollutant engine oil maintains the exhaust gas cleaning systems of diesel engines over very long periods of time

Power Longlife 0530 was specially developed for engines of the VW group with maintenance interval extension (WIV) and is therefore suitable for oil change intervals of up to 50,000 km or 2 years.



Characteristics

- excellent corrosion protection
- excellent wear protection
- good viscosity stability
- improved cleaning and dispersing power
- optimal low temperature behavior
- prevents residue build-up

Specifications

ACEA E11/E6/E7/E9, API CK-4/SN, JASO DH-2

Fulfills

CAT ECF-3, Cummins CES 20086, DAF PSQL 2.1 E LD (long drain), DD DDC 93K222, DEUTZ DQC IV-18 LA/TTCD-Motoren, DTFR 15C110 (228.51)/15C120 (228.52), Ford WSS-M2C213-A1, IVECO 18-1804 Class TLS E6/E9, Mack EOS-4.5, MAN M 3477/M 3677, Mercedes-Benz: MB 228.51/ 228.52, MTU Ölkategorie 3.1, Renault RLD-3, Scania LDF-4/LDF-LA (Low Ash), Volvo VDS-4.5

BASINOL® Power Syn 0530 C4

Power Syn 0530 C4 is an HC synthetic low-friction engine oil for gasoline and diesel engines as well as vans, also with exhaust gas aftertreatment.

Power Syn 0530 C4 is ideally suited for petrol and diesel engines with and without turbochargers in cars and vans with extended oil change intervals. Because of its special composition, this product is excellently suited for use in automobiles, for which the Renault specification RN0720 is prescribed, and equipped with modern three-way catalytic converters and diesel particle filters. The low SAPS content of this engine oil helps to extend the service life of the particulate filter in diesel engines.

Warning

Power Syn 0530 C4 has the lowest SAPS values and can therefore be unsuitable for various engines.



Characteristics

- excellent wear protection
- improved cleaning and dispersing power
- optimal lubrication security in the cold running phase
- very good cold start properties
- very wide operating temperature range

Specifications

ACEA C4

Fulfills

Fiat 9.55535-S4, Mercedes-Benz: MB 226.51/229.51, Renault RN 0720

BASINOL® Premium Longlife 0530 DX

The Premium Longlife 0530 DX is a lightweight fuel-efficient engine oil in the SAE class 5W-30. High-quality base oils of state-of-the-art synthesis technology and specially optimized additives ensure excellent cold start and warm-up behaviour as well as an extension of the service life of the diesel particulate filter.

Premium Longlife 0530 DX has been specially developed for the most modern vehicles of the GM Group as well as the latest generation of Euro 4 and Euro 5 diesel and gasoline engines (petrol, E85, CNG, LPG).



Characteristics

- excellent wear protection
- improved cleaning and dispersing power
- optimal lubrication security in the cold running phase
- very good cold start properties
- very wide operating temperature range

Specifications

ACEA C2/C3, API SN/CF

Fulfills

Mercedes Benz: MB 229.31/229.51/229.52, BMW Longlife-04,
Volkswagen 502.00/505.00/505.01, Fiat 9.55535-S3; GM dexos2™

BASINOL® Premium High 0540 PRO

Premium High 0540 PRO is a fuel-saving engine oil in the SAE-grade 5W-40. High-quality base oils and specially optimized additives ensure maximum protection and a long service life for the engine. Due to its fuel-efficient character Premium High 0540 PRO achieves an excellent potential to save fuel.

Premium High 0540 PRO has been developed for modern, powerful passenger cars and vans with petrol or diesel engines and can also be used for performance-enhanced turbo engines, catalytic converters and common rail injection technology.



Characteristics

- excellent wear protection
- improved cleaning and dispersing power
- optimal lubrication security in the cold running phase
- very good cold start properties
- very wide operating temperature range

Approval

Mercedes-Benz: MB 229.5

Specifications

ACEA A3/B4, API SN/CF

Fulfills

Mercedes-Benz: MB 226.5, Renault RN 0700/0710, VW 502.00/505.00,
BMW Longlife-01, PSA B71 2296, Porsche A40

BASINOL® Premium 0540 C3

Premium 0540 C3 is an HC synthetic oil, low-viscosity engine oil for gasoline and diesel engines, also with exhaust gas aftertreatment.

It was developed using base oils of special HC synthesis technology for use in petrol and diesel engines that are equipped with exhaust gas aftertreatment systems (e.g. diesel particulate filter "DPF").

Premium 0540 C3 suitable for pump-nozzle diesel engines in cars.

Due to its special composition, this product is ideally suited for use in several of the latest OEM requirements and therefore has a wide range of applications.



Characteristics

- excellent wear protection
- good shear stability
- perfect viscosity stability
- corrosion protection
- excellent cleaning and dispersing properties
- low ash formation
- very good cold start properties
- universally applicable

Specifications

ACEA C3, API SN/CF

Fulfills

Flat 9.55535-S2, Ford M2C 917-A, BMW Longlife-04, GM dexos2™, Mercedes-Benz: MB 229.31/229.51, Porsche A40, Renault RN 0700/0710, Volkswagen 502.00/505.01

BASINOL® Power High 0540

BASINOL Power High 0540 is a versatile engine oil and is ideally suited for modern gasoline and diesel engines, also with turbochargers in cars and vans.

This modern, versatile motor oil is based on high-quality solvent-refined base oils with synthesis technology.

Excellent properties are achieved through the use of specially developed additives.



Characteristics

- stable viscosity
- very good cold start properties
- excellent cleaning and dispersing properties
- very wide operating temperature range
- excellent wear protection
- good corrosion protection
- excellent foaming preventor

Specifications

ACEA A3/B4, API SN/CF

Fulfills

Mercedes-Benz: MB 229.3, Renault RN 0700/0710, PSA B71 2296,
Volkswagen 502.00/505.00

BASINOL® Evolution Sport 0550

Evolution Sport 0550 is a fuel-saving engine oil of the SAE-grade 5W-50. High-quality base oils from the latest synthesis technology and specially optimized additives ensure engine cleanliness, corrosion and wear protection.

Evolution Sport 0550 has been developed for modern passenger cars with petrol or diesel engines and for modern injection and turbo engines. It can also be used in all motorcycles with air-cooled and watercooled four-stroke engines where SAE-grade 5W-50 and corresponding ACEA or API specification are required.



Characteristics

- excellent corrosion protection
- excellent wear protection
- recognizable action savings
- good viscosity stability
- good air release properties – correct foam formation
- improved cleaning and dispersing power
- very wide operating temperature range

Specifications

ACEA A3/B3/B4, API SN/CF

Fulfills

BMW Longlife 01, Fiat 9.55535-H2/9.55535-M2, GM -LL-B-025,
Mercedes-Benz: MB 229.3, Porsche A40, Volkswagen 502.00/505.00

BASINOL® Evolution Sport 1060

Evolution Sport 1060 is an HC-synthetic low-friction engine oil for gasoline and diesel engines and vans.

Evolution Sport 1060 is a highly alloyed HC synthetic low-friction engine oil and is suitable as a top product for all modern passenger car gasoline and diesel engines, including turbo engines.

Evolution Sport 1060 is based on carefully selected fully synthetic base oils and highly effective additives that enable use as a universal fuel-saving HC synthetic engine oil for gasoline and diesel engines, with and without turbochargers, in cars and vans.



Characteristics

- excellent protection against corrosion
- excellent wear protection
- noticeable fuel savings
- good viscosity stability
- good air release properties
- low foam formation
- excellent cleaning
- very wide operating temperature range

Specifications

ACEA A3/B4, API SN/CF

Fulfills

BMW Longlife-01/M-models, Mercedes-Benz: MB 229.3,
Volkswagen 505.00/501.01

BASINOL® Power Syn 1030

Power Syn 1030 Multigrade motor oil is made from high quality solvent refined base oils with a high natural viscosity index.

Carefully selected additives give this high-performance engine oil excellent properties.

This universal fuel-saving synthetic engine oil is suitable for gasoline and diesel engines with or without turbochargers in cars and vans.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good viscosity stability
- optimal cold fluidity
- excellent cleaning and dispersing power
- prevents residue build-up

Specifications

ACEA A3/B4, API SL/CF

Fulfills

Mercedes Benz: MB 229.1, Volkswagen 501.01/505.00

BASINOL® Power Syn 1040 Plus

Power Syn 1040 Plus is a fuel-saving, semi-synthetic engine oil in the SAE-grade 10W-40. High quality mineral oil raffinates and synthetic components with innovative additives ensure minimum cold start wear due to excellent flowability at low temperatures.

Power Syn 1040 Plus can be used for a large number of passenger cars and vans with petrol or diesel engines as well as for turbo engines, multi-valve technology, catalytic converters and common rail injection technology.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good viscosity stability
- optimal cold fluidity
- excellent cleaning and dispersing power
- prevents residue build-up

Specifications

ACEA A3/B4, API SN/CF

Fulfills

Mercedes-Benz: MB 229.1, Volkswagen 501.01/502.00/505.00,
Fiat 9.5535-D2/G2, Renault RN 0700/0710

BASINOL® Power Syn 1040

Power Syn 1040 is a multi-grade engine oil in SAE-grade 10W-40. High-quality base oils and specially optimized additives ensure excellent dispersion, corrosion and wear protection properties.

Power Syn 1040 is suitable for passenger car petrol and diesel engines with medium demands on the engine oil. With a very good cold-start behaviour, it can even be used in regions with harsh winter conditions and temperatures down to -25°C.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good viscosity stability
- optimal cold fluidity
- excellent cleaning and dispersing power
- prevents residue build-up

Specifications

ACEA A3/B4, API SL/CF

Fulfills

Mercedes-Benz: MB 229.1, Volkswagen 501.01/505.00



Engine oils for commercial vehicles and stationary systems

The ideal combination of fully synthetic base oils and innovative additives guarantees an outstanding performance and solves the complex and high requirements placed on lubricants by trucks and heavy commercial vehicles in construction, agriculture and forestry, as well as omnibuses easily.

BASINOL® Truck Longlife 0530 Premium

BASINOL Truck Longlife 0530 Premium is a high-quality HC synthesis fuel economy USHPD low-friction engine oil for commercial vehicles with and without diesel particulate filters (DPF).

BASINOL Truck Longlife 0530 Premium is characterized by a low-ash additive technology (Low SAPS = reduced sulphated ash, low phosphorus and sulfur content). Through the use of selected base oils of the latest synthesis technology, the year-round viscosity range SAE 5W-30, preferred by many engine manufacturers, is achieved.

BASINOL Truck Longlife 0530 Premium enables significantly longer oil change intervals with improved engine protection at the same time. The modern "Low SAPS" additives reduce the internal friction in the engine, which results in lower fuel consumption and optimized wear protection. The economy is characterized by reduced oil consumption, reduced pollutant emissions and lower operating costs. The improved soot carrying capacity contributes significantly to avoiding abrasive wear in the engine and ensuring the best engine cleanliness.

BASINOL Truck Longlife 0530 Premium was specially developed for the economical supply of exhaust gas-optimized engines, even under extreme loads.

BASINOL Truck Longlife 0530 Premium is a year-round, high-performance commercial vehicle engine oil that has been tailored to the latest Euro V and VI emission standards and enables maximum oil change intervals. The engine oil maintains the effectiveness of the emission control systems over a very long period of time. Loss of performance due to occupied diesel particulate filters is prevented by lower particulate emissions and a higher level of efficiency is achieved.



Characteristics

- excellent wear protection
- noticeable fuel savings
- suitable for emission-optimized engines
- suitable for long oil change times
- reduces exhaust and particle emissions

Specifications

ACEA E11/E6/E7/E9, API CK-4/SN, JASO DH-2

Fulfills

CAT ECF-3, Cummins CES 20086, DAF PSQL 2.1 E LD (long drain), DD DDC 93K222, DEUTZ DQC IV-18 LA/TTCD-Motoren, DTFR 15C110 (228.51)/15C120 (228.52), Ford WSS-M2C213-A1, IVECO 18-1804 Class TLS E6/E9, Mack EOS-4.5, MAN M 3477/M 3677, Mercedes-Benz: MB 228.51/ 228.52, MTU oil category 3.1, Renault RLD-3, Scania LDF-4/LDF-LA (Low Ash), Volvo VDS-4.5



BASINOL® Truck Longlife 1040 Superior

Truck Longlife 1040 Superior is an HC synthetic low-friction engine oil for diesel engines with exhaust gas aftertreatment.

Thanks to its excellent oxidation and aging stability, the innovative additives offer maximum fuel savings over the entire oil change interval. In addition, the formation of paint and sludge is significantly reduced thanks to the improved oxidation stability at high temperatures.

The SAE 10W-40 viscosity range ensures a reliable cold start at low external temperatures and full lubricity at high operating temperatures.

Truck Longlife 1040 Superior has a significantly improved shear stability and an improved air release capacity and thus meets the current requirements of API CK-4.

Instructions for use Truck Longlife 1040 Superior was specially developed for the supply of exhaust-optimized engines with modern exhaust aftertreatment. Truck Longlife 1040 Superior has been tailored to the Euro V and Euro VI emission standards and is used in extremely heavy-duty diesel engines for commercial vehicles and construction machinery.

Many vehicle and engine manufacturers recommend engine oils of the performance category 10W-40 with the longest oil retention times in turbo diesel engines.

Truck Longlife 1040 Superior is backwards compatible and can also be used in older engines. The requirements according to API CJ-4, CI-4, CI-4 PLUS and CH-4 are met and exceeded and is therefore ideally suited as a rationalization product for use in older vehicles.



Characteristics

- noticeable fuel savings
- suitable for emission-optimized engines
- suitable for long oil change times
- low evaporation loss
- good viscosity stability
- very good cold start properties

Specifications

ACEA E6/E7/E8/E9/E11, API CI-4/CI-4 Plus/CJ-4/CK-4/SN, JASO DH-1/DH-2

Fulfills

Allison C4, CAT ECF-1a/ECF-2/ECF-3/TO-2, CNH MAT 3571/3572, Cummins CES 20076/20077/20081/20086/20092, DAF EXTENDED DRAIN, DD DFS 93K215/93K218/93K222, DEUTZ DQC IV-10 LA/IV-18 LA, DEUTZ TTCD-Motors, DTFR 13D110 (235.28)/15C100 (228.31)/15C110 (228.51)/15C120 (228.52), Ford WSS-M2C171-F1, IVECO 18-1804 Class T2 E7/TLS E9, JD JDQ 78 X, Liebherr LH-00-ENG5C LA, Mack EOS-4.5/EO-M Plus/EO-N/EO-N Premium Plus/EO-O Premium Plus, MAN M 3271-1/3477/3575/3775, MTU Ölkategorie 2.1/3.1, Renault RGD/RLD/RLD-2/RLD-3/RLD-4/RXD, Scania LDF-LA (Low Ash), Voith Retarder Typ B, Volvo VDS-3/VDS-4/VDS-4.5



BASINOL® Truck Longlife 1040 Premium

BASINOL Truck Longlife 1040 Premium is an HC synthetic low-friction engine oil for diesel engines with exhaust gas aftertreatment.

BASINOL Truck Longlife 1040 Premium is suitable for use in modern Euro V and VI engines. Thanks to its excellent oxidation and aging stability, the innovative additives offer maximum fuel savings over the entire oil change interval. The SAE 10W-40 viscosity range ensures a reliable cold start at low external temperatures and full lubricity at high operating temperatures. The use of shear-stable active ingredients ensures compliance with SAE class 10W-40 during the entire oil change interval. The oil consumption is significantly reduced through minimized evaporation loss.

BASINOL Truck Longlife 1040 Premium was specially developed for the supply of exhaust-optimized engines with modern exhaust aftertreatment.

BASINOL Truck Longlife 1040 Premium has been tailored to the Euro V and Euro VI emission standards and is used in extremely heavy-duty commercial vehicle diesel engines. Many vehicle and engine manufacturers recommend engine oils of the performance category 10W-40 with the longest oil retention times in turbo diesel engines.

BASINOL Truck Longlife 1040 Premium can also be used in engines that require engine oils in accordance with API CI-4 or CI-4 plus and is therefore ideally suited as a rationalization product for use in older vehicles.



Characteristics

- excellent corrosion protection
- optimal wear protection
- good resistance to oxidation
- improved viscosity stability
- excellent cleaning and dispersing power
- very good cold start properties
- very wide operating temperature range

Specifications

ACEA E6/E7/E9, API CJ-4, Global DHD-1, JASO DH-2

Fulfills

CAT ECF-1/ECF-1a/ECF-2/ECF-3, CNH MAT 3521, Cummins CES 20081,
DD DDC 93K218, DEUTZ DQC IV-10 LA, Mack EO-O Premium Plus, MAN M 3575,
Mercedes-Benz MB 228.31, MTU DDC BR 2000/4000, MTU oil category 2.1/3.1,
Renault RLD-3, Volvo VDS-4 (STD 417-0001)



BASINOL® Truck Longlife 1040 Plus

Truck Longlife 1040 Plus is an HC synthetic low-viscosity motor oil for petrol and diesel engines. HC synthesis base oils and a modern additive tailored to the high practical requirements ensure good lubrication for all four-stroke engines, i.e. mixed fleets where the requirements of highly loaded turbochargers (SHPD) must be met.

Truck Longlife 1040 Plus enables extended oil change intervals with very little refill through reliable lubrication, cleanliness and heat dissipation. This grade is a year-round oil, the cold viscosity SAE 10W enables a reliable cold start and the fastest lubricating film formation. The high-temperature viscosity of SAE 40 ensures wear protection and low oil consumption when subjected to high temperatures.

In addition to the most modern package of chemical agents, Truck Longlife 1040 Plus also has wear-resistant, friction-reducing components that ensure easy mechanical operation and are fuel-efficient.



Characteristics

- excellent corrosion protection
- optimal wear protection
- good resistance to oxidation
- improved viscosity stability
- excellent cleaning and dispersing power
- very good cold start properties
- very wide operating temperature range

Specifications

ACEA A3/B4/E7, API CI-4/SL, Global DHD-1, JASO DH-1

Fulfills

Allison C-4/TES 228, Caterpillar ECF-1a, Cummins CES 20076/20077/20078, DAF, Detroit Diesel DDC 93K215, DEUTZ DQC III-10, Mack EO-M Plus/EO-N, MAN M 3275-1 (obsolet), Mercedes-Benz: MB 228.3/229.1/MB 235.27, MTU Oil category 2, Renault RLD/RLD-2, Voith Retarder Typ A, Volvo VDS-3 (STD 417-0002)

BASINOL® Truck Longlife 1540 Premium

Truck Longlife 1540 Premium is an HC synthetic low-friction engine oil for diesel engines, also with exhaust aftertreatment.

Keeping the engine in good condition and thus ensuring maximum availability of the vehicle – that is the main task of this low SAPS oil. This is achieved through the high wear resistance and excellent engine cleanliness, which increases the availability of the vehicle compared to previous engine oil formulations. The high viscosity motor oil retains its excellent protective properties even in regions with warm climates and harsh conditions.

This versatile product meets the requirements of demanding specifications such as Mack EO-S 4.5, Renault RLD-4 or Volvo VDS-4.5. It is backward compatible with lower engine oil categories such as the CJ-4, which meet the needs of the latest and older engines. It is compatible with the emission control technology EURO IV, V and VI for trucks, as well as with Stage IIIB, IV and Tier 4i, 4f for heavy off-road vehicles.



Characteristics

- Very good protection against corrosion and wear
- Reduction of the lubricant-related exhaust gas and particle emissions
- Mid-SAPS character
- Improved friction properties
- Wide and universal range of use
- Outstanding aging and shear stability

Specifications

ACEA E9, API CJ-4/CK-4/SN, JASO DH-2

Fulfills

CAT ECF-3, Cummins CES 20086, DD DDC 93K222, DEUTZ DQC III-18 LA, DTFR 15C100 (228.31), JD JDQ 78 X, Komatsu KES 07.851.2, Mack EOS-4.5, MAN M 3775, MTU Ölkategorie 2.1, Renault RLD-3/RLD-4, Volvo VDS-4.5

BASINOL® Truck Longlife 1540 Plus

Truck Longlife 1540 Plus is a Heavy Duty Engine Oil in SAE-grade 15W-40. High-quality base oils and specially optimised additives guarantee excellent thermal and oxidative stability for a long oil life. Thanks to the high level of soot control, clean engines are guaranteed under all operating conditions.

Truck Longlife 1540 Plus has been specially developed for trucks, heavy commercial vehicles in the construction industry, agriculture and forestry as well as buses and RME (biodiesel) applications.



Characteristics

- excellent corrosion protection
- optimal wear protection
- good resistance to oxidation
- improved viscosity stability
- excellent cleaning and dispersing power
- very good cold start properties
- very wide operating temperature range

Specifications

ACEA A3/B3/E7, API CI-4/SL

Fulfills

Catepillar EGF-1a/EGF-2, Cummins CES 20071/20072/20076/20077, DEUTZ DQC III-10, John Deere JDQ 78 A, Mack EO-N/EO-N Premium Plus 03, MAN M 3275-1 (obsolete), Mercedes-Benz: MB 228.3/229.1, MTU DDC BR 2000/4000/Oil category 2, Renault RLD/RLD-2, Scania LDF, Volvo VDS-3 (STD 417-0002), ZF TE-ML 07C

BASINOL® Turbo Power 1540

Turbo Power 1540 is a mineral oil-based universal engine oil for gasoline and diesel engines. Due to the very good shear stability and high resistance to aging, Turbo Power 1540 is the ideal year-round oil for use in buses, commercial vehicles and passenger cars, mixed fleets of freight forwarders, in industry, as well as in construction and agriculture.



Characteristics

- excellent wear protection
- good corrosion protection
- optimal cleaning and dispersing power
- very wide operating temperature range

Specifications

ACEA A2/B2/B3/E2/E3, API CG-4/SJ

Fulfills

DEUTZ DQC-II-05, MAN 271 (obsolet), Mercedes-Benz: MB 228.1/229.1, Volvo VDS

BASINOL® Turbo Power 2050

Turbo Power 2050 is a mineral oil-based universal engine oil for gasoline and diesel engines. Turbo Power 2050 is ideally suited for passenger car gasoline and diesel engines, also with turbo-charging.

The high proportion of additives guarantees an excellent effect, especially with regard to the detergent, dispersant and anti-wear properties. A top product with high safety reserves.

Turbo Power 2050 can be mixed with all HD engine oils based on mineral oil.



Characteristics

- excellent wear protection
- good corrosion protection
- optimal cleaning and dispersing power
- very wide operating temperature range

Specifications

ACEA A2/B2/E2/E3, API CG-4/SJ

Fulfills

DEUTZ DQC-II-05, MAN 271 (obsolet), Mercedes-Benz: MB 228.1/229.1, Volvo VDS



Engine Oils for motorcycle

We consistently offer you the best lubricants for all engine designs – whether you own a 2- or 4-stroke engine, with BASINOL you can rest assured that you will always have a reliable companion at your side to protect and care for your motorcycle.

BASINOL® Master 2T-Synth

Master 2T-Synth is a fully synthetic two-stroke engine oil for water-cooled outboard engines and air-cooled two-stroke engines, also with separate lubrication.

Master 2T-Synth is a self-mixing 2-stroke oil for mixing ratios up to 1:100. The product is particularly suitable for water-cooled outboard motors and air-cooled 2-stroke motors of all performance ranges with mixed and separate lubrication.

Master 2T-Synth is recommended for two-stroke engines of motorcycles, mopeds, mopeds in racing and normal operation, in kart races as well as for engines in snowmobiles and chainsaws, even at very low ambient temperatures.



Characteristics

- excellent corrosion protection
- perfect wear protection
- improved cleaning and dispersing power
- very good cold start properties
- reduces exhaust gas and particle emissions
- spark plugs remain clean

Specifications

API TC, ISO-L-EGD, JASO FD

Fulfills

Dolmar, Husqvarna, Piaggio, Stihl

BASINOL® Master 2T-HS

Master 2T-HS is an HC synthesis two-stroke engine oil for air and water-cooled two-stroke engines.

Master 2T-HS is especially designed for the lubrication of air-cooled two-stroke engines with very high speeds and / or heavy to heavy loads. This self-mixing two-stroke oil is also suitable for the lubrication of two-stroke engines with water cooling (e.g. in motorcycles with radiator coolers). Master 2T-HS was specially developed for use in 2-stroke engines with and without direct injection systems (Direct Fuel Injection DFI).



Characteristics

- excellent corrosion protection
- perfect wear protection
- improved cleaning and dispersing power
- very good cold start properties
- reduces exhaust gas and particle emissions
- spark plugs remain clean

Specifications

API TC, Global GD, ISO-L-EGD, JASO FD

Fulfills

Dolmar, Husqvarna, Stihl

BASINOL® Master 4T 1040

Master 4T 1040 is a semi-synthetic four-stroke motorcycle oil, based on carefully selected solvent refined and synthetic base oils and a specially developed additive package.

Master 4T 1040 guarantees very good cold start behavior and excellent protection against wear and corrosion.

Master 4T 1040 is specially developed for the lubrication of four-stroke motorcycles, so that slipping, sticking and rough shifting of clutch discs are a thing of the past. This oil has been developed and tested in cooperation with the most important motorcycle manufacturers and has proven its quality in practice.



Characteristics

- excellent corrosion protection
- perfect wear protection
- improved cleaning and dispersing power
- very good cold start properties

Fulfills

API SL, JASO MA/MA2

BASINOL® Master 4T 1550

Master 4T 1550 is a new generation of synthetic four-stroke motorcycle oil based on carefully selected synthetic base oils with specially newly developed additives.

Master 4T 1550 has been specially developed for the lubrication of 4-stroke motorcycles, so that clutch discs slipping, sticking and shifting rough are a thing of the past. This oil has been developed and tested in cooperation with the most important motorcycle manufacturers and has proven its quality in practice.



Characteristics

- good corrosion protection
- excellent wear protection
- excellent cleaning and dispersing power
- very high viscosity index
- reduces wear with mixed and boundary friction

Fulfills

API SL, JASO MA/MA2



Function Fluids

Besides our high-quality engine and transmission oils, BASINOL function fluids can aid the full and flawless operation of your vehicle. Whether brake fluids or cooler protection agents BASINOL can also offer a wide product range here.

BASINOL® Antifreeze

Antifreeze is a nitrite, amine and phosphate-free engine coolant concentrate based on ethylene glycol with an additive package based on modern inhibitor technology. It is also suitable for aluminum engines.

Antifreeze is a concentrated coolant and must be diluted with clean water before being used in the cooling system.

It is used in cooling water systems of internal combustion engines as well as solar and hot water systems, provided that the materials used are resistant to ethylene glycol-based products according to the manufacturer's instructions.

It prevents frost and corrosion damage in the cooling water circuits of internal combustion engines as well as cavitation on pump segments and is particularly low in foam. Inorganic and organic inhibitors are responsible for protecting against corrosion in the cooling system.

When changing, please empty and flush cooling systems, heating systems and expansion tanks. The change intervals for coolant from the respective manufacturer must not be exceeded.

Mixing table

Frost protection until about.

-37 ° C [1: 1]*

-27 ° C [1: 1.5]*

-20 ° C [1: 2]*

*mixing ratio [Concentrate: water]



Application advice

- Never use coolant concentrate Antifreeze pure, always mix with water.
- Pay attention to the correct preparation water (clean water) according to the manufacturer's specifications
- Pay attention to the correct mixing ratio
- If in doubt, switch to the ready-mix
- Engine coolants from different technologies should not be mixed together
- Follow the unit manufacturer's instructions
- The concentration of Antifreeze should never be less than 33% and never more than 60%

Characteristics

- excellent corrosion inhibition
- perfect cooling effect
- Excellent thermal stability for extended periods of use
- particularly low-foaming
- Free of nitrites, amines and phosphates

Specifications

AFNOR N FR 15-601, AS 2108-2004, ASTM D 3306, BS 6580:2010, CUNA NC 956-16, SAE J 1034, UNE 26-361 - 88

Fulfills

29C100 (325.0), MAN 324 NF, Volkswagen TL 774-C (G11)



BASINOL® Antifreeze Plus

Antifreeze Plus is a silicate, nitrite, amine and phosphate-free engine coolant concentrate based on ethylene glycol with an additive package based on OAT technology. It is particularly suitable for aluminum engines and allows replacement intervals of up to a maximum of five years.

Antifreeze Plus is a concentrated coolant and must be diluted with clean water before being used in the cooling system.

It prevents frost and corrosion damage in the cooling water circuits of internal combustion engines as well as cavitation on pump segments. Inorganic inhibitors are responsible for protecting against corrosion in the cooling system.

Antifreeze Plus offers reliable corrosion protection in conventional and aluminum engines of passenger cars up to 250,000 km, in commercial vehicle and bus engines up to 500,000 km and in stationary engines up to 16,000 operating hours.

When changing, please empty and flush cooling systems, heating systems and expansion tanks. The change intervals for coolant from the respective manufacturer must not be exceeded.

Mixing table

Frost protection until about.

-37 °C [1: 1]*

-27 °C [1: 1.5]*

-20 °C [1: 2]*

*mixing ratio [Concentrate: water]



Application advice

- Never use coolant concentrate Antifreeze Plus pure, always mix with water.
- Pay attention to the correct preparation water (clean water) according to the manufacturer's specifications
- Pay attention to the correct mixing ratio
- If in doubt, switch to the ready-mix
- Engine coolants from different technologies should not be mixed together
- Follow the unit manufacturer's instructions
- The concentration of Antifreeze Plus should never be less than 33% and never more than 60%

Characteristics

- excellent corrosion inhibition
- perfect cooling effect
- Excellent thermal stability for extended periods of use
- particularly low-foaming
- Free of nitrites, amines and phosphates

Specifications

AFNOR N FR 15-601, ASTM D 3306/4985, BS 6580:2010, CUNA NC 956-16, FFV Heft R443, JIS K 2234:2018, NATO S-759, Önorm V 5123, SAE J 1034, UNE 26-361 - 88

Fulfills

>1983, 29C110 (325.3), 6277M, B 040 1065, CES 14439/14603, Coolant VCS, Motorbike, TL 774-D/F (G12+), WSS-97B44-D/E, DAF 74002, DEUTZ DQC CB-14, John Deere H 24 B1 & C1, Mack 014GS 17004, MAN 324 SNF, Renault 41-01-001-D



BASINOL® Antifreeze Extra

Antifreeze Extra is a premium antifreeze and anti-corrosion agent based on monoethylene glycol with the latest Si-OAT technology.

With the Si-OAT technology, organic acids work together with the mineral silicate for the best possible protection.

BASINOL Antifreeze Extra meets the requirements of modern high-performance engines in terms of thermal stress, long-term stability and long-term corrosion protection in a special way. It is free from nitrites, amines, phosphate, borates and 2-ethylhexanoic acid.

When changing, please drain and flush cooling systems, heating systems and expansion tanks. The change intervals for coolants of the respective manufacturers should not be exceeded.

Our Antifreeze Extra can be mixed with all coolants on the market and also covers almost all coolant standards on the market from G12+, G12++, G13 to G12evo.

We can deliver the Antifreeze Extra in colors green and redish.

Mixing table

Frost protection until about.

-37 °C [1: 1]*

-27 °C [1: 1.5]*

-20 °C [1: 2]*

*mixing ratio [Concentrate: water]

The recommendations of the original equipment manufacturers (OEMs) must be observed.



Application advice:

- Never use coolant concentrate Antifreeze Extra pure, always mix with water.
- Pay attention to the correct preparation water (clean water) according to the manufacturer's specifications
- Pay attention to the correct mixing ratio
- If in doubt, switch to the ready-mix
- Engine coolants from different technologies should not be mixed together
- Follow the unit manufacturer's instructions
- The concentration of Antifreeze Extra should never be less than 33% and never more than 60%

Characteristics

- impressive high temperature behavior
- free from 2-ethylhexanoic acid, borate, phosphate, nitrite and amine
- good compatibility with sealing materials
- high silicate stability
- Long-term corrosion protection
- material compatible

Specifications

ASTM D 3306/4985/6210

Fulfills

29C100 (325.0), LC-87, LH-01-COL3A, TL 774 L (G12 evo), TR-1286083, TR-31854114-002, DEUTZ DQC CC-14, MAN 324 Si-OAT, Mercedes-Benz: MB-recommendation 326.0/326.6 MTU MTL 5048, Volkswagen TL 774-C (G11)/TL 774-F (G12+)/TL 774-G (G12+)/TL 774-J (G13)



BASINOL® Brake Fluid DOT 4

Brake Fluid DOT 4 is a special power transmission medium for hydraulic brake and clutch systems.

Brake Fluid DOT 4 is based on polyglycol ether. It contains glycols as lubricants, effective corrosion inhibitors and antioxidants. It is used in hydraulic brake and clutch systems in passenger cars, commercial vehicles, motorcycles, agricultural vehicles, construction machinery, etc.

Brake Fluid DOT 4 is hygroscopic and must therefore be stored in tightly closed containers. The containers must be closed again immediately after the liquid has been withdrawn.



Characteristics

- excellent thermal stability
- improved corrosion protection against iron and non-ferrous metals

Fulfills

FMVSS 116 DOT 4, ISO 4925 Class 4, SAE J 1703, SAE J 1704



Engine Oils for ships and boats

BASINOL marine products are based on high-grade mineral oil raffinates and selected additives to ensure wear and corrosion protection as well as good engine cleanliness of diesel engines in rail vehicles, shipping and stationary aggregates.

BASINOL® Premium Marine 40 HB

Premium Marine 40 HB is a fuel efficient engine oil of SAE-grade 40 with a TBN of 40.

Due to the combination of high-quality mineral base oils and innovative additives, engine oil is characterized by excellent wear and corrosion protection. In addition, a high level of engine cleanliness is achieved with diesel engines in the marine and industrial sectors.

Premium Marine 40 HB is used in plunger diesel engines operating on heavy fuel oil with diesel fuel and offers an additional basic reserve for heavy oil operations.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- improved viscosity stability
- advanced cleaning and dispersing power
- very good cold start properties – very wide operating temperature range

Specifications

API CF

BASINOL® Premium Marine 40 LB

Premium Marine 40 LB is a fuel efficient engine oil of SAE-grade 40 with a TBN of 15.5.

Due to the combination of high-quality mineral base oils and innovative additives, the engine oil is characterized by excellent wear and corrosion protection. In addition, a high level of engine cleanliness is achieved with diesel engines in the marine and industrial sectors.

Premium Marine 40 LB is used in plunger diesel engines and is specially designed for operations with distillate fuels.



Characteristics

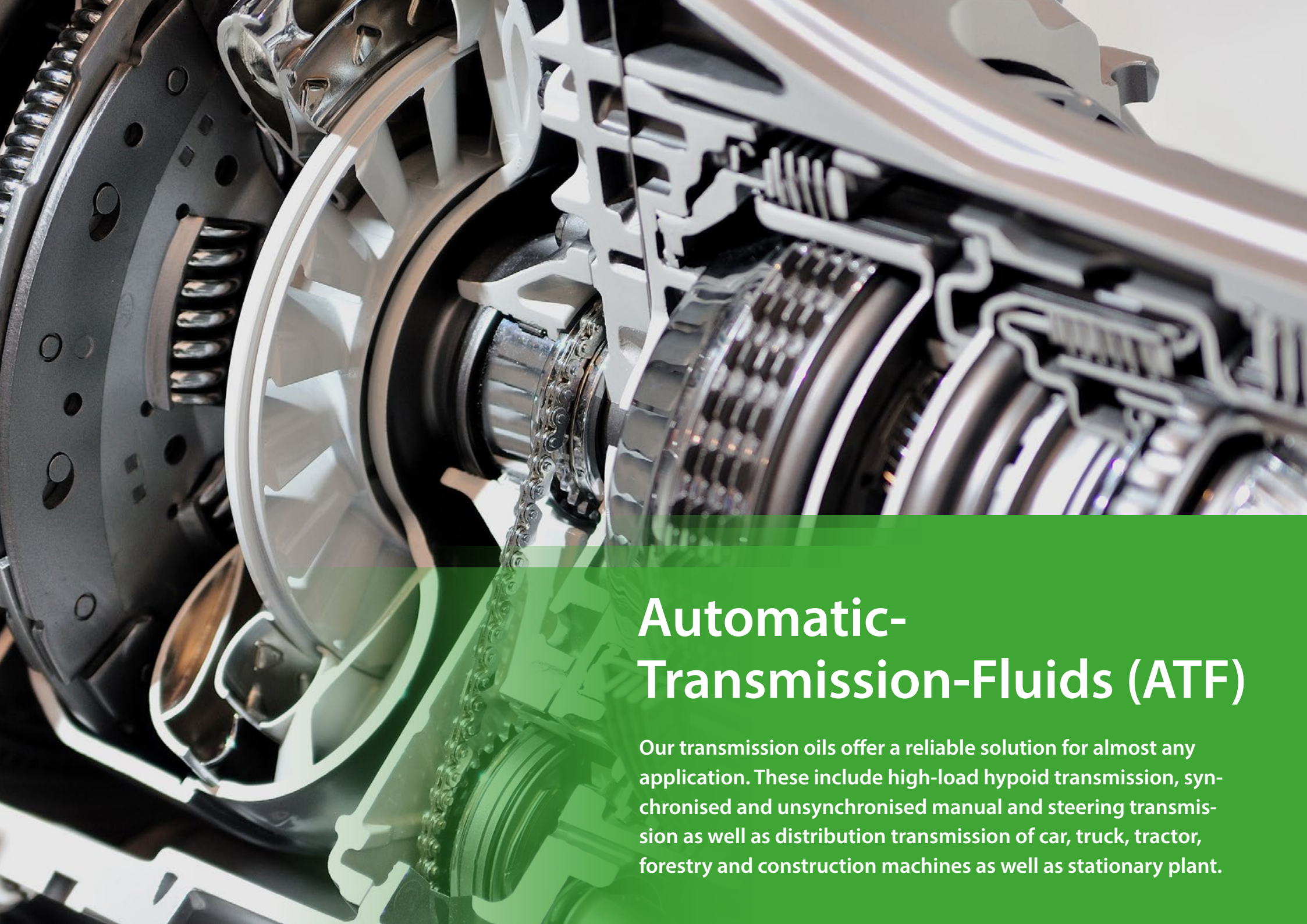
- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- improved viscosity stability
- advanced cleaning and dispersing power
- very good cold start properties – very wide operating temperature range

Specifications

API CF

Fulfills

DEF STAN 91-22/2, MIL-L-2104 C



Automatic- Transmission-Fluids (ATF)

Our transmission oils offer a reliable solution for almost any application. These include high-load hypoid transmission, synchronised and unsynchronised manual and steering transmission as well as distribution transmission of car, truck, tractor, forestry and construction machines as well as stationary plant.

BASINOL® Fluid ATF DEX. 3

Fluid ATF DEX 3 is an automatic transmission oil, Dexron III.

By using a special base oil with a modern additive package, it is the gear fluid for high loads, especially at low temperatures. The selection of the product components results in pronounced aging stability, extremely low evaporation rates at very high temperatures and shear stability.

Whether very low temperatures in northern regions and high mountain areas or high temperatures in midsummer and southern countries, shifting is jerk-free, the transmission is noiseless, and the oil filling guarantees wear protection and long operating times.

Fluid ATF DEX 3 is suitable for use in all automatic vehicle transmission, steering aids and hydraulic drives.



Characteristics

- good resistance to oxidation
- optimal viscosity stability
- excellent cold fluidity
- good air release properties
- low foaming

Fulfills

Allison C-4/TES 228/TES 389, GM DEXRON® III-H, MAN 339 Z1/Z3,
Mercedes-Benz: MB-recommendation 236.1/236.10/236.5/236.9,
Voith 55.6335.3X, Volvo 1161521/1161621/97341,
ZF TE-ML 04D/05L/14B/16L/17C

BASINOL® Fluid ATF DEX. 6

Fluid ATF DEX. 6 is an automatic transmission oil, Dexron VI.

Fluid ATF DEX. 6 was developed for use in automatic transmission, hydraulic steering systems, converters and power transmission in which an automatic transmission fluid is prescribed that exceeds the requirements of Dexron II and Dexron III.

The special composition of Fluid ATF DEX. 6 extends the life of this fluid compared to older Dexron types.

Fluid ATF DEX. 6 must not be used in DSG and CVT transmission in which an oil of the specification Ford type F / G is required.

The product is colored red



Characteristics

- perfect resistance to oxidation
- compatibility with sealing materials
- very good corrosion protection
- good cold fluidity
- excellent wear protection
- excellent cleaning and dispersing power
- Service life is increased
- optimal friction behavior
- very good thermal stability

Fulfills

AW-1, Aisin Warner JWS 3309/3324, Allison TES 228 C3/C4, BMW ETL-7045E/-8027/-LA 2634, Chrysler ATF +3/+4/Dodge Mopar AS 68 RC (Type IV)/Dodge Mopar AS 69 RC (Type IV)/Mopar ATF +2, Dahiatsu ATF D-II/D-III SP, Fiat Type IV, Ford M21 38-CJ/M2C 166-H/M2C 922-A1/M2C 924-A/Mercon® LV, GM DEXRON® II-D/II-E/III-G/ III-H/VI/Typ A, Suffix, Honda ATF DW Z-1/DW-1, Hyundai JWS 3314/9683/SP-II/SP-III/SP-IV, Isuzu Besco Dexron II/III, Jaguar ATF 3403 JLM 20238/ATF 3403 M 115, JASO M 315 Type 1A/M315-2013 1A-LV/M315-2013 2A, Kia SP-II/SP-III/SP-IV, Mazda ATF 3317/D-II/F-1/FZ/M-III/M-V/N-1/S-1, Mercedes-Benz: MB 236.1/236.2/236.3/236.41/236.5/236.7/236.8/236.9, Mini C T-VI, Mitsubishi Dia Queen ATF J2/J3/PA/SP-II/SP-III/SP-IV, Nissan Matic D/J/K/S Fluid, Porsche ATF 3403-M115/Type IV, Subaru ATF-5AT/ATF-HP/ATF/AW-1/ATF 2384K/ATF 3309/ATF 3314/ATF 3317, Toyota ATF D-II/T-III/T-IV/WS, Voith 55.6335.XX, Volkswagen G 052 055/G 052 162/G 052 990/G 055 025/G 055 162/G 055 540, Volvo 1161540/97335/97340, ZF TE-ML 05L/09/11A/11B/21L/24A/4HP 20/5HP



BASINOL® Fluid ATF AG PRO

Fluid ATF AG PRO is a fully synthetic automatic transmission oil made from carefully selected, very high-quality base oils and specially developed for use in ZF 6,8 and 9 – speed automatic transmission.

Its special formulation ensures trouble-free operation and smooth switching.

The reduced viscosity enables better fuel efficiency depending on vehicle type, vehicle condition and driving behavior.



Characteristics

- Excellent wear protection
- Increases tool life
- Ideal friction behaviour
- Very good thermal and oxidative stability
- Outstanding cold flow properties
- Perfect shear stability

Fulfills

BMW 83222152426, Fiat 9.55550-AV5, Land Rover LR023288,
Chrysler 68157995AA, Jaguar 02JDE26444, VW G 052 162

BASINOL® Fluid ATF 7 MB

Fluid ATF 7 MB is a high-performance automatic transmission fluid combining selected synthetic base oils with an especially developed additive technology.

Especially developed with a high anti-wear performance and for a smooth functioning and an excellent wear protection of modern automatic transmission with up to 7 speeds in a various range of passenger cars.

Reduced viscosity to deliver fuel economy benefits depending on vehicle type, vehicle condition, and driving conditions.



Advantages and Benefits

- Protection of heavily loaded gearbox components
- Smooth shifting behaviour and less shift time lag in common 7 speed automatic transmission
- Extended life time duration of gearbox parts
- Reliable lubrication and quick reaction even at very low outdoor temperatures
- Stable corrosion protection

Characteristics

- High scuffing load capacity
- Optimized friction behaviour
- Very good anti-wear behaviour
- Very good cold flow behaviour
- Corrosion-preventing properties

Fulfills

Mercedes-Benz: MB 236.15

BASINOL® Fluid ATF 9 PLUS

Fluid ATF 9 Plus is a synthetic high-performance lubricant for automatic transmission. Selected synthetic base oils are combined with an especially developed and proven additive technology.

Especially developed with an excellent anti-wear performance and for a smooth functioning in modern automatic transmission with 9 speeds in a various range of passenger cars, and for certain models with 10-speed transmission.



Advantages and Benefits

- Protection of highly loaded gearbox components
- Smooth shifting behaviour for highest driving comfort and low shifting lag for sporty rides
- Constant high-performance during oil lifetime
- Reliable lubrication at start-up even at very low outdoor temperatures
- Reliable viscosity stability in operation

Characteristics

- Enhanced load carrying capacity and wear protection
- Constant friction characteristics
- Very good thermal and oxidation stability
- Excellent cold flow behaviour
- Excellent shear stability

Fulfills

Mercedes-Benz: MB 236.17

BASINOL® Fluid ATF CVT

Fluid ATF CVT is an automatic transmission oil for continuously variable motor vehicle transmission, CVT.

Fluid ATF CVT has a high level of wear protection and therefore optimal power transmission at the same time, both with a CVT chain and with a CVT push link belt.

Fluid ATF CVT is a high-performance fluid based on synthesis technology for continuously variable transmission, which has the following properties through the addition of special additives.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good compatibility with sealing materials
- optimal fluidity of skills
- no foaming
- very high viscosity index

Specifications

JASO M 358

Fulfills

BMW Mini 83220136376/83220429159, Chrysler Jeep NS-2/Mopar CVTF+4, Daihatsu Ammix CVT, Ford M2C 928-A, Honda HMMF/HCF2, Hyundai SP-III, Mercedes-Benz: MB-recommendation 236.20, Mitsubishi Dia Queen ATF CVTF-J1/ SP-III, Nissan NS1 CVT/NS2 CVT/NS3 CVT, Subaru ECVT/iCVT, Suzuki CVT Fluid Green 1/NS-2, Suzuki CVT TC, Toyota CVTF-TC / FE, Volkswagen G 052 180/G 052 516

BASINOL® Fluid ATF DCT

Fluid ATF DCT is an automatic transmission oil for dual clutch transmission.

Fluid ATF DCT has been specially developed for the requirements of high-tech double clutch transmission, which are becoming more and more technical, especially suitable for DK transmission with only one oil supply, in which the clutch, synchronizers, gear set and hydraulic control use the same oil.

This dual clutch transmission oil is based on synthesis technology and an optimally adjusted additive package to achieve the following properties.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good compatibility with sealing materials
- optimal fluidity of skills
- no foaming
- very high viscosity index

Fulfills

Ferrari TF DCT-F3, Hyundai/Kia, Bugatti Veyron, MB 236.21/236.24/236.25/239.21, BMW DCTF-1/DCTF-1+/LT-5, VW G 052 182/G 052 529/G 052 536/G 055 529/G 055 536, Ford M2C 218-A1/M2C 936-A, Mitsubishi Dia Queen SSTF-1, Renault EDC, Volvo 1161838/1161839, PSA 9734 S2, Porsche ZF FFL-3, Chrysler 68044345 EA & GA, Nissan Matic D/J/K/S Fluid, Borg Warner



Transmission Oils

Our transmission oils offer a reliable solution for almost any application. These include high-load hypoid transmission, synchronised and unsynchronised manual and steering transmission as well as distribution transmission of car, truck, tractor, forestry and construction machines as well as stationary plant.

BASINOL® Gear MTF 75W80

Gear MTF 75W80 is a fully synthetic low-friction gear oil API GL4 for manual and axle drives in commercial vehicles.

Gear MTF 75W80 is a fully synthetic, high-performance, low-friction gear oil with special additives and inhibition, which ensure that the gear unit functions perfectly.

Gear MTF 75W80 was specially developed for the requirements of manual gearboxes for commercial vehicles and is ideally suited to very high mechanical and thermal loads, even with the longest oil change intervals.

Gear MTF 75W80 is a high-performance gear oil for the supply of synchronized commercial vehicle manual transmissions, especially when oils of the type Volvo 97307 or Volvo 97305 are required (see recommendations in the manufacturer's instructions). Shifting comfort is significantly increased. Extreme oil change intervals according to the manufacturer's instructions up to 500,000 km lower maintenance costs and increase profitability.



Characteristics

- alteration and oxidation stability
- excellent corrosion protection
- excellent wear protection
- noticeable impairment savings
- extremely high pressure absorption capacity
- belongs for long oil change times
- good shear disruption
- rapid formation of a lubricating film

Specifications

API GL4

Fulfills

341 V-R, 97318, DAF, Eaton, IVECO 18-1807, MAN 341 E3, MAN 341 Z4, Renault, Volvo 97305, Volvo 97307, ZF TE-ML 01L, ZF TE-ML 02L, ZF TE-ML 16K

BASINOL® Gear Oil 75W90 Hyp

Gear Oil 75W90 Hyp is an HC synthetic universal gear oil GL4 / GL5 for manual and axle drives in commercial vehicles.

Gear Oil 75W90 Hyp is a universal lubricant specially developed for manual transmissions and rear axles of cars as well as light and heavy trucks.

Due to its special composition, it is particularly suitable for synchronous gears and heavily loaded differential gears. The very wide viscosity range in combination with special components ensures perfect behavior under the most difficult conditions. The particularly high thermal stability and the excellent friction properties prevent switching problems.

Gear Oil 75W90 Hyp is a synthetic gear oil based on high quality synthetic base oils. The following properties can be achieved by adding special EP additives:



Characteristics

- excellent wear protection
- extremely high pressure absorption capacity
- belongs for long oil change times
- good shear disruption
- very wide operating temperature range

Specifications

API GL4/GL5/MT-1

Fulfills

BMW 83229407768/OSP/SAF-XO, DAF LKW (longer oil change Intervals), IVECO, MAN 341 E3/ 341 Z2/342 S1, Mercedes-Benz: MB-recommendation 235.11/235.8, MIL -L-2105 D, Renault LKW, Scania STO 1:0, Volvo 97312/97315, ZF TE-ML 12B/16F/17B

BASINOL® Gear Oil 80W90 Hyp

Gear Oil 80W90 Hyp is a mineral oil-based hypoid gear oil GL5 for manual and axle drives with high loads.

Gear Oil 80W90 Hyp is based on carefully selected solvent raffinates with special active ingredients for low-temperature flowability as well as corrosion-preventing, temperature-stable, wear-reducing and load-bearing properties. The foam formation as well as the oxidation (aging) are countered by incorporated components.

Gear Oil 80W90 Hyp is a hypoid gear oil for long running times with high loads. Corrosion and seizure wear are prevented, at elevated temperatures and in the cold.

The function of commercially available materials such as sealing material is not impaired. There is material compatibility.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- optimal compatibility with sealing materials
- good fluidity of skills
- outstanding air release properties – feel foaming
- Must have load-bearing capacity in all performance values

Specifications

API GL5

Fulfills

DAF, Ford M2C 9002-AA, MAN 342 M1 (obsolet),
Mercedes-Benz: MB 235.0, MIL-L-2105 C/D, Voith 132.00374400, Volvo 97310,
ZF TE-ML 16B/16C/17B/19B/21A

BASINOL® Gear Oil 85W90 Hyp

Gear Oil 85W90 Hyp is a mineral oil-based hypoid gear oil GL5 for manual and axle drives with high loads.

Gear Oil 85W90 Hyp is based on carefully selected solvent raffinates with special active ingredients for low-temperature flowability as well as corrosion-preventing, temperature-stable, wear-reducing and load-bearing properties. The foam formation as well as the oxidation (aging) are countered by incorporated components.

Gear Oil 85W90 Hyp is a hypoid gear oil for long running times with high loads. Corrosion and seizure wear are prevented, at elevated temperatures and in the cold.

The function of commercially available materials such as sealing material is not impaired. There is material compatibility.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- optimal compatibility with sealing materials
- good fluidity of skills
- outstanding air release properties – feel foaming
- Must have load-bearing capacity in all performance values

Specifications

API GL5

Fulfills

DAF, Ford M2C 9002-AA, MAN 342 M1 (obsolet), Mercedes-Benz: MB 235.0, MIL-L-2105 C/D, Voith 132.00374400, Volvo 97310, ZF TE-ML 16B/16C/17B/19B/21A

BASINOL® Gear Oil 85W140 Hyp

Gear Oil 85W140 Hyp is a mineral oil-based hypoid gear oil GL5 for manual and axle drives with high loads.

Gear Oil 85W140 Hyp is based on carefully selected solvent raffinates with special active ingredients for low-temperature flowability as well as corrosion-preventing, temperature-stable, wear-reducing and load-bearing properties. The foam formation as well as the oxidation (aging) are countered by incorporated components.

Gear Oil 85W140 Hyp is a hypoid gear oil for long running times with high loads. Corrosion and seizure wear are prevented, at elevated temperatures and in the cold.

The function of commercially available materials such as sealing material is not impaired. There is material compatibility.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- optimal compatibility with sealing materials
- good fluidity of skills
- outstanding air release properties – feel foaming
- Must have load-bearing capacity in all performance values

Specifications

API GL5

Fulfills

DAF, MIL-L-2105 C/D, Scania STO 1:0, Volvo 97310, ZF TE-ML 16D/ML 21A



Hydraulic Oils

Hydraulic oils or hydraulic fluids play a major role in the industry and industrial oils. The solution of technically demanding problems in hydraulics, e.g. friction-vibrations of cylinders, are solved rather technical / constructive instead of seeking to solve this problem by the appropriate performance of a suitable hydraulic fluid.

BASINOL® Hydraulic HL10

Hydraulic HL10 is a hydraulic oil made of highly refined mineral base oils and special, highly effective additives.

Hydraulic HL10 is recommended for high-performance hydraulic systems and rotary vane pumps, gear pumps and axial piston pumps working at high pressure. As this oil is well compatible with bronze and steel, valves and servo pumps can be properly serviced with it. On a broad basis, these products are used for machine tool hydraulics as long as hydraulic oils ensuring wear protection are required.

Hydraulic HL10 has also proved appropriate in industrial transmission and machine tool gearboxes, in particular in common circulating systems for wheel arches, tailstocks, feed gears and sliding guides.

Quality standards and manufacturer's specifications:

Hydraulic HL10 exceeds the minimum requirements for HLP hydraulic oils as per DIN 51524/2



Characteristics

- excellent corrosion protection
- optimal wear protection
- belongs for fine filtering – prevents filter blockages
- optimized oxidation resistance
- good air release properties – feel foaming
- proven water separation ability
- long service life

Specifications

DIN 51524 Teil 2 (HLP), ISO 11158 (HM), ISO 6743-4 (HM)

Fulfills

Denison HF-0, MAG/Cincinnati Machine P-68/P-69/P-70, US Steel 127/136

BASINOL® Hydraulic HL22

Hydraulic HL22 is a mineral oil-based hydraulic oil with high protection against aging and corrosion.

Hydraulic HL22 is recommended for high performance hydraulic systems with high speed vane, gear and axial piston pumps operating at high pressure. Because of the good compatibility with bronze and steel, valves and servo pumps are well served here. These products are used on a broad basis for the hydraulics of machine tools, provided that hydraulic oils with wear protection are required.

Hydraulic HL22 has also proven itself in industrial gears and gears of machine tools, especially in common circulating systems for wheel arches, tailstocks, feed gears and slideways.

Quality standards and manufacturer specifications:

Hydraulic HL22 exceeds the minimum requirements for HLP hydraulic oils according to DIN 51524/2



Characteristics

- excellent corrosion protection
- optimal wear protection
- belongs for fine filtering – prevents filter blockages
- optimized oxidation resistance
- good air release properties – feel foaming
- proven water separation ability
- long service life

Specifications

DIN 51524 Teil 2 (HLP), ISO 11158 (HM), ISO 6743-4 (HM), SS 155434-AM

Fulfills

Denison HF-0, MAG/Cincinnati Machine P-68/P-69/P-70, US Steel 127/136

BASINOL® Hydraulic HV32

HYDRAULIC HV 32 is a mineral oil-based hydraulic oil with a high viscosity index.

Only paraffin-based primary raffinate is used as the base oil. Even with extreme temperature fluctuations and when hydraulic systems are started up from minus temperature ranges, HYDRAULIC HV 32 achieves the highest degree of uniformity in the operating behavior of the systems.

Optimal wear, corrosion and oxidation protection properties ensure the greatest possible functional reliability of the hydraulic systems with extended oil retention times and minimal maintenance.

HYDRAULIC HV 32 is particularly suitable for hydraulic systems that are exposed to strongly fluctuating temperatures. This includes the entire field of mobile hydraulics, as well as all stationary systems that work outdoors (scrap presses, lock gates, loading units, ship hydraulics, etc.).

The multi-area character of HYDRAULIC HV 32 enables extensive variety reductions. This largely avoids the risk of confusion for the user. Storage and ordering in the company are simplified.

HYDRAULIC HV 32 can be used wherever HVLP or HLP hydraulic oils are required. It is shear-stable and exceeds the requirements for hydraulic oils HVLP according to DIN 51524 part 3.



Characteristics

- excellent protection against corrosion
- excellent wear protection
- suitable for long oil change times
- good oxidation resistance
- good shear stability
- very wide operating temperature range

Specifications

DIN 51524 Teil 3 (HVLP), ISO 11158 (HV), ISO 6743-4 (HV)

Fulfills

TE-ML 04R, Bosch Rexroth RE 90220-01, Eaton Vickers I-286 S

BASINOL® Hydraulic HL32

Hydraulic HL32 is a mineral oil-based hydraulic oil with high protection against aging and corrosion.

Hydraulic HL32 is recommended for high performance hydraulic systems with high speed vane, gear and axial piston pumps operating at high pressure. Because of the good compatibility with bronze and steel, valves and servo pumps are well served here. These products are used on a broad basis for the hydraulics of machine tools, provided that hydraulic oils with wear protection are required.

Hydraulic HL32 has also proven itself in industrial gears and gears of machine tools, especially in common circulating systems for wheel arches, tailstocks, feed gears and slideways.

Quality standards and manufacturer specifications:

Hydraulic HL32 exceeds the minimum requirements for HLP hydraulic oils according to DIN 51524/2



Characteristics

- excellent corrosion protection
- optimal wear protection
- belongs for fine filtering – prevents filter blockages
- optimized oxidation resistance
- good air release properties – feel foaming
- proven water separation ability
- long service life

Specifications

AGMA 9005/E02, ASTM D 6158, DIN 51524 Teil 2 (HLP), ISO 11158 (HM), ISO 6743-4 (HM), SS 155434-AM

Fulfills

E-FDGN-TB002-E, M-2950-S, P041 HK Hadraulic Specification, TE-ML 04K, Denison HF-0/HF-1/HF-2, MAG/Cincinnati Machine P-68/P-69/P-70, SEB 181 222, US Steel 126/127

BASINOL® Hydraulic HV46

HYDRAULIC HV46 is a mineral oil-based hydraulic oil with a high viscosity index.

Only paraffin-based primary raffinate is used as the base oil. Even with extreme temperature fluctuations and when hydraulic systems are started up from minus temperature ranges, HYDRAULIC HV46 achieves the highest degree of uniformity in the operating behavior of the systems.

Optimal wear, corrosion and oxidation protection properties guarantee the greatest possible functional reliability of the hydraulic systems with extended oil retention times and minimal maintenance.

HYDRAULIC HV46 is particularly suitable for hydraulic systems that are exposed to strongly fluctuating temperatures. This includes the entire field of mobile hydraulics, as well as all stationary systems that work outdoors (scrap presses, lock gates, loading units, ship hydraulics, etc.).

The multi-area character of HYDRAULIC HV46 enables extensive variety reductions. This largely avoids the risk of confusion for the user. Warehousing and ordering in the company are simplified.

HYDRAULIC HV46 can be used wherever HVLP or HLP hydraulic oils are required. It is shear stable and exceeds the requirements for hydraulic oils HVLP according to DIN 51524 part 3.



Characteristics

- excellent protection against corrosion
- excellent wear protection
- suitable for long oil change times
- good oxidation resistance
- good shear stability
- very wide operating temperature range

Specifications

DIN 51524 Teil 3 (HVLP), ISO 11158 (HV), ISO 6743-4 (HV)

Fulfills

TE-ML 04R, Bosch Rexroth RE 90220-01, Denison HF-0, Eaton Vickers I-286 S

BASINOL® Hydraulic HL46

Hydraulic HL46 is a hydraulic oil made of highly refined mineral base oils and special, highly effective additives.

Hydraulic HL46 is recommended for high-performance hydraulic systems and rotary vane pumps, gear pumps and axial piston pumps working at high pressure. As this oil is well compatible with bronze and steel, valves and servo pumps can be properly serviced with it. On a broad basis, these products are used for machine tool hydraulics as long as hydraulic oils ensuring wear protection are required.

Hydraulic HL46 has also proved appropriate in industrial transmission and machine tool gearboxes, in particular in common circulating systems for wheel arches, tailstocks, feed gears and sliding guides.

Quality standards and manufacturer's specifications:

Hydraulic HL46 exceeds the minimum requirements for HLP hydraulic oils as per DIN 51524/2



Characteristics

- excellent corrosion protection
- optimal wear protection
- belongs for fine filtering – prevents filter blockages
- optimized oxidation resistance
- good air release properties – feel foaming
- proven water separation ability
- long service life

Specifications

AGMA 9005/E02, ASTM D 6158, DIN 51524 Teil 2 (HLP), ISO 11158 (HM), ISO 6743-4 (HM), SS 155434-AM

Fulfills

E-FDGN-TB002-E, M-2950-S, P041 HK Hadraulic Specification, Denison HF-0/HF-1/HF-2, MAG/Cincinnati Machine P-68/P-69/P-70, SEB 181 222, US Steel 126/127

BASINOL® Hydraulic HV68

HYDRAULIC HV68 is a mineral oil-based hydraulic oil with a high viscosity index.

Only paraffin-based primary raffinate is used as the base oil. Even with extreme temperature fluctuations and when hydraulic systems are started up from minus temperature ranges, HYDRAULIC HV68 achieves the highest degree of uniformity in the operating behavior of the systems.

Optimal wear, corrosion and oxidation protection properties guarantee the greatest possible functional reliability of the hydraulic systems with extended oil retention times and minimal maintenance.

HYDRAULIC HV68 is particularly suitable for hydraulic systems that are exposed to strongly fluctuating temperatures. This includes the entire field of mobile hydraulics, as well as all stationary systems that work outdoors (scrap presses, lock gates, loading units, ship hydraulics, etc.).

The multi-area character of HYDRAULIC HV68 enables extensive variety reductions. This largely avoids the risk of confusion for the user. Warehousing and ordering in the company are simplified.

HYDRAULIC HV68 can be used wherever HVLP or HLP hydraulic oils are required. It is shear stable and exceeds the requirements for hydraulic oils HVLP according to DIN 51524 part 3.



Characteristics

- excellent protection against corrosion
- excellent wear protection
- suitable for long oil change times
- good oxidation resistance
- good shear stability
- very wide operating temperature range

Specifications

DIN 51524 Teil 3 (HVLP), ISO 11158 (HV), ISO 6743-4 (HV)

Fulfills

Bosch Rexroth RE 90220-01, Eaton Vickers I-286 S

BASINOL® Hydraulic HL68

Hydraulic HL68 is a hydraulic oil made of highly refined mineral base oils and special, highly effective additives.

Hydraulic HL68 is recommended for high-performance hydraulic systems and rotary vane pumps, gear pumps and axial piston pumps working at high pressure. As this oil is well compatible with bronze and steel, valves and servo pumps can be properly serviced with it. On a broad basis, these products are used for machine tool hydraulics as long as hydraulic oils ensuring wear protection are required.

Hydraulic HL68 has also proved appropriate in industrial transmission and machine tool gearboxes, in particular in common circulating systems for wheel arches, tailstocks, feed gears and sliding guides.

Quality standards and manufacturer's specifications

Hydraulic HL68 exceeds the minimum requirements for HLP hydraulic oils as per DIN 51524/2



Characteristics

- excellent corrosion protection
- optimal wear protection
- belongs for fine filtering – prevents filter blockages
- optimized oxidation resistance
- good air release properties – feel foaming
- proven water separation ability
- long service life

Specifications

AGMA 9005/E02, ASTM D 6158, DIN 51524 Teil 2 (HLP), ISO 11158 (HM), ISO 6743-4 (HM), SS 155434-AM

Fulfills

E-FDGN-TB002-E, M-2950-S, P041 HK Hadraulic Specification, Denison HF-0/HF-1/HF-2, MAG/Cincinnati Machine P-68/P-69/P-70, SEB 181 222, US Steel 126/127

BASINOL® Hydraulic HV100

HYDRAULIC HV100 is a mineral oil based hydraulic oil with a high viscosity index.

Only paraffin-based primary raffinate is used as the base oil. Even with extreme temperature fluctuations and when starting up hydraulic systems from minus temperature ranges, the HYDRAULIC HV100 achieves maximum uniformity in the operating behavior of the systems.

Optimum anti-wear, anti-corrosion and anti-oxidation properties ensure the greatest possible functional reliability of the hydraulic systems with longer oil dwell times and minimal maintenance.

HYDRAULIC HV100 is particularly suitable for hydraulic systems that are exposed to strongly fluctuating temperatures. This includes the entire range of mobile hydraulics, as well as all stationary systems that work outdoors (scrap presses, lock gates, loading units, ship hydraulics, etc.).

The multi-area character of the HYDRAULIC HV100 enables extensive sort reductions. This largely avoids the risk of confusion for the user. Warehousing and ordering in the company are simplified.

HYDRAULIC HV100 can be used wherever HVLP or HLP hydraulic oils are specified. It is shear stable and exceeds the requirements for hydraulic oils HVLP according to DIN 51524 Part 3.



Characteristics

- excellent protection against corrosion
- excellent wear protection
- suitable for long oil change times
- good resistance to oxidation
- good shear stability
- very wide operating temperature range

Specifications

DIN 51524 Teil 3 (HVLP), ISO 11158 (HV), ISO 6743-4 (HV)

Fulfills

Bosch Rexroth RE 90220-01

BASINOL® Hydraulic HL100

Hydraulic HL100 is a hydraulic oil made of highly refined mineral base oils and special, highly effective additives.

Hydraulic HL100 wird für Hydrauliksysteme hoher Leistungen mit schnelllaufenden und bei hohem Druck arbeitenden Flügelzellen-, Zahnrad- und Axialkolbenpumpen empfohlen. Wegen der guten Verträglichkeit mit Bronze und Stahl, werden Ventile und Servopumpen hiermit gut bedient. Auf breiter Basis werden diese Produkte für Hydrauliken von Werkzeugmaschinen, sofern Hydrauliköle mit Verschleißschutz gefordert werden, eingesetzt.

Hydraulic HL100 hat sich auch in Industriegetrieben und Getrieben von Werkzeugmaschinen, insbesondere in gemeinsamen Umlaufsystemen für Radkästen, Reitstöcken, Vorschubgetrieben und Gleitbahnen bewährt.

Qualitätsstandards und Herstellerspezifikationen:

Hydraulic HL100 übertrifft die Mindestanforderungen für HLP-Hydrauliköle gemäß DIN 51524/2



Characteristics

- excellent corrosion protection
- optimal wear protection
- belongs for fine filtering – prevents filter blockages
- optimized oxidation resistance
- good air release properties – feel foaming
- proven water separation ability
- long service life

Specifications

AGMA 9005/E02, ASTM D 6158, DIN 51524 Teil 2 (HLP), ISO 11158 (HM), ISO 6743-4 (HM)

Fulfills

E-FDGN-TB002-E, M-2950-S, P041 HK Hydraulic Specification, Denison HF-0/HF-1/HF-2, MAG/Cincinnati Machine P-68/P-69, SEB 181 222, US Steel 126/127

BASINOL® Hydraulic HL150

Hydraulic HL150 is a hydraulic oil made of highly refined mineral base oils and special, highly effective additives.

Hydraulic HL150 is recommended for high-performance hydraulic systems and rotary vane pumps, gear pumps and axial piston pumps working at high pressure. As this oil is well compatible with bronze and steel, valves and servo pumps can be properly serviced with it. On a broad basis, these products are used for machine tool hydraulics as long as hydraulic oils ensuring wear protection are required.

Hydraulic HL150 has also proved appropriate in industrial transmission and machine tool gearboxes, in particular in common circulating systems for wheel arches, tailstocks, feed gears and sliding guides.

Quality standards and manufacturer's specifications:

Hydraulic HL150 exceeds the minimum requirements for HLP hydraulic oils as per DIN 51524/2



Characteristics

- excellent corrosion protection
- optimal wear protection
- belongs for fine filtering – prevents filter blockages
- optimized oxidation resistance
- good air release properties – feel foaming
- proven water separation ability
- long service life

Specifications

DIN 51524 Teil 2 (HLP), ISO 11158 (HM), ISO 6743-4 (HM)

Fulfills

Denison HF-0, MAG/Cincinnati Machine P-68/P-69/P-70, US Steel 127



Industrial Gear Oils

BASINOL is a leading player in the field of power transmission engineering and its product range covers many industrial gear oil applications and performance levels.

BASINOL® Gear EP 46

Gear EP 46 is a zinc-free, mineral oil-based industrial gear oil with high pressure absorption capacity.

Gear EP 46 is a high pressure activated lubricating oil. It contains additives to improve lubricity and wear protection as well as to prevent corrosion.

Made from solvent raffinate with special oxidation stability and additives for corrosion protection and pressure absorption capacity. Reliable lubrication, confirmed by falling below the limit value for rolling element wear in the FE8 test device.

VDEh approvals are met.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- improved compatibility with sealing materials
- good air release properties – low foaming
- very good thermal stability
- Prevents pittings
- zinc free

Specifications

DIN 51517 part 3 (CLP), ISO 12925-1, ISO 6743-6 (CKC)

Fulfills

SEB 181 226

BASINOL® Gear EP 68

Gear EP 68 is a zinc-free, mineral oil-based industrial gear oil. Only the best solvent raffinates are used as the base oil.

Gear EP 68 is a high pressure activated lubricating oil. It contains additives to improve lubricity and wear protection as well as to prevent corrosion.

Made from solvent raffinate with special oxidation stability and additives for corrosion protection and pressure absorption. Reliable lubrication, confirmed by falling below the limit value for rolling element wear in the FE8 test device.

VDEh approvals are met.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- improved compatibility with sealing materials
- good air release properties – low foaming
- very good thermal stability
- Prevents pittings
- zinc free

Specifications

DIN 51517 part 3 (CLP), ISO 12925-1, ISO 6743-6 (CKC)

Fulfills

SEB 181 226

BASINOL® Gear EP 100

Gear EP 100 is a zinc-free, mineral oil-based industrial gear oil with high pressure absorption capacity.

Gear EP 100 is a high pressure activated lubricating oil. It contains additives to improve lubricity and wear protection as well as to prevent corrosion.

Made from solvent raffinate with special oxidation stability and additives for corrosion protection and pressure absorption capacity. Reliable lubrication, confirmed by falling below the limit value for rolling element wear in the FE8 test device.

VDEh approvals are met.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- improved compatibility with sealing materials
- good air release properties – low foaming
- very good thermal stability
- Prevents pittings
- zinc free

Specifications

DIN 51517 part 3 (CLP), ISO 12925-1, ISO 6743-6 (CKC)

Fulfills

SEB 181 226

BASINOL® Gear EP 150

Gear EP 150 is a zinc-free, mineral oil-based industrial gear oil. Only the best solvent raffinates are used as base oil.

Gear EP 150 is a high pressure activated lubricating oil. It contains additives to improve lubricity and wear protection as well as to prevent corrosion.

Manufactured from solvent raffinate with special oxidation stability and additives for corrosion protection and pressure absorption capacity. Reliable lubrication, confirmed by falling under the limit value for wear of rolling elements in test unit FE8.

VDEh approvals are fulfilled.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- improved compatibility with sealing materials
- good air release properties – low foaming
- very good thermal stability
- Prevents pittings
- zinc free

Specifications

DIN 51517 part 3 (CLP), ISO 12925-1, ISO 6743-6 (CKC)

BASINOL® Gear EP 220

Gear EP 220 is a zinc-free, mineral oil-based industrial transmission oil.

Gear EP 220 is a high pressure activated lubricating oil. It contains additives to improve lubricity and wear protection and to prevent corrosion.

Made from solvent raffinate with special oxidation stability and additives for corrosion protection and pressure absorption capability. Reliable lubrication, confirmed by the fact that the wear limit for rolling elements in the FE8 tester is not exceeded.

VDEh approvals are met.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- improved compatibility with sealing materials
- good air release properties – low foaming
- very good thermal stability
- Prevents pittings
- zinc free

Specifications

DIN 51517 part 3 (CLP), ISO 12925-1, ISO 6743-6 (CKC)

BASINOL® Gear EP 320

Gear EP 320 is a zinc-free, mineral oil-based industrial transmission oil.

Gear EP 320 is a high pressure activated lubricating oil. It contains additives to improve lubricity and wear protection and to prevent corrosion.

Made from solvent raffinate with special oxidation stability and additives for corrosion protection and pressure absorption capability. Reliable lubrication, confirmed by the fact that the wear limit for rolling elements in the FE8 tester is not exceeded.

VDEh approvals are met.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- improved compatibility with sealing materials
- good air release properties – low foaming
- very good thermal stability
- Prevents pittings
- zinc free

Specifications

DIN 51517 part 3 (CLP), ISO 12925-1, ISO 6743-6 (CKC)

BASINOL® Gear EP 680

Gear EP 680 is a zinc-free, mineral oil-based industrial gear oil with high pressure absorption capacity.

Gear EP 680 is a high pressure activated lubricating oil. It contains additives to improve lubricity and wear protection as well as to prevent corrosion.

Made from solvent raffinate with special oxidation stability and additives for corrosion protection and pressure absorption capacity. Reliable lubrication, confirmed by falling below the limit value for rolling element wear in the FE8 test device.

VDEh approvals are met.



Characteristics

- excellent corrosion protection
- perfect wear protection
- good resistance to oxidation
- improved compatibility with sealing materials
- good air release properties – low foaming
- very good thermal stability
- Prevents pittings
- zinc free

Specifications

DIN 51517 part 3 (CLP), ISO 12925-1, ISO 6743-6 (CKC)

BASINOL® Gear Syn 150

Gear Syn 150 is a fully synthetic industrial gear oil based on polyalphaolefin for highly stressed gear drives as well as plain and roller bearings in industry.

The advantages of using the AGear Syn 150 are longer operating times for the fillings, lower costs for changing and disposing of used oil, easy start-up at low temperatures with better friction coefficients, lower energy costs and operation that is gentle on materials and requires little maintenance.

Before using Gear Syn 150, the gears and oil circuits should be completely drained. To maintain the original properties, do not mix with mineral oils or other synthetic lubricating oils.

Continuous operating temperature range: -40 ° C to +90 ° C. Peak temperature up to +150 ° C



Characteristics

- excellent corrosion protection
- perfect wear protection
- optimized compatibility with sealing materials
- good air release properties – low foaming
- prevention of pitting
- perfect resistance to oxidation
- good shear disruption
- optimal low temperature behavior
- very wide operating temperature range

Specifications

AGMA 250.0479005-D94, David Brown S1.53.101, DIN 51517 part 3 (CLP-HC), Flender, ISO 6743-6 (CKC), US Steel 224

BASINOL® Gear Syn 220

Gear Syn 220 is a fully synthetic gear and bearing lubricating oil for highly loaded gear transmission as well as plain and roller bearings in industry, especially in the case of low temperatures and high thermal loads.

The advantages of using the Gear Syn 220 are longer operating times of the fillings, less costs for changing and waste oil disposal, easy start-up at low temperatures with better friction coefficients, less energy costs and material-friendly operation with little maintenance.

Before using Gear Syn 220, the gearboxes, oil circuits should be completely drained. To maintain the original properties, do not mix with mineral oils or other synthetic lubricating oils.

Continuous operating temperature range: -40 °C to +90 °C, peak temperature use up to 150 °C



Characteristics

- excellent corrosion protection
- perfect wear protection
- optimized compatibility with sealing materials
- good air release properties – low foaming
- prevention of pitting
- perfect resistance to oxidation
- good shear disruption
- optimal low temperature behavior
- very wide operating temperature range

Specifications

AGMA 250.0479005-D94, David Brown S1.53.101, DIN 51517 part 3 (CLP-HC), Flender, ISO 6743-6 (CKC), US Steel 224

BASINOL® Gear Syn 320

Gear Syn 320 is a fully synthetic industrial gear oil based on polyalphaolefin for highly stressed gear drives as well as plain and roller bearings in industry.

This synthetic oil for industrial gears is excellently suited for the lubrication of heavily loaded mechanical gears and for bearing systems with high temperature loads.

In comparison with mineral oils for these applications, significantly longer oil change intervals are possible. Gear Syn 320 is easy to mix with mineral oils.

Gear Syn 320 has a wide temperature range and is protected against “micro-pitting”.



Characteristics

- excellent corrosion protection
- perfect wear protection
- optimized compatibility with sealing materials
- good air release properties – low foaming
- prevention of pitting
- perfect resistance to oxidation
- good shear disruption
- optimal low temperature behavior
- very wide operating temperature range

Specifications

AGMA 250.0479005-D94, David Brown S1.53.101, DIN 51517 part 3 (CLP-HC), Flender, ISO 6743-6 (CKC), US Steel 224

BASINOL® Gear Syn 460

Gear Syn 460 is a fully synthetic industrial gear oil based on polyalphaolefin for highly stressed gear drives as well as plain and roller bearings in industry.

The advantages of using the Gear Syn 460 are longer operating times for the fillings, lower costs for changing and disposing of used oil, easy start-up at low temperatures with better friction coefficients, lower energy costs and operation that is gentle on materials and requires little maintenance.

Before using Gear Syn 460, the gears and oil circuits should be completely drained. To maintain the original properties, do not mix with mineral oils or other synthetic lubricating oils.

Continuous use temperature range: -40 °C to +90 °C, peak temperature use up to +150 °C



Characteristics

- excellent corrosion protection
- perfect wear protection
- optimized compatibility with sealing materials
- good air release properties – low foaming
- prevention of pitting
- perfect resistance to oxidation
- good shear disruption
- optimal low temperature behavior
- very wide operating temperature range

Specifications

AGMA 250.0479005-D94, David Brown S1.53.101, DIN 51517 part 3 (CLP-HC), Flender, ISO 6743-6 (CKC), US Steel 224

BASINOL® Gear Syn 680

Gear Syn 680 is a fully synthetic industrial gear oil based on polyalphaolefin for highly stressed gear drives as well as plain and roller bearings in industry.

The advantages of using the Gear Syn 680 are longer operating times for the fillings, lower costs for changing and disposing of used oil, easy start-up at low temperatures with better friction coefficients, lower energy costs and operation that is gentle on materials and requires little maintenance.

Before using Gear Syn 680, the gears and oil circuits should be completely drained. To maintain the original properties, do not mix with mineral oils or other synthetic lubricating oils.

Continuous operating temperature range: -40°C to $+90^{\circ}\text{C}$, peak temperatures up to $+150^{\circ}\text{C}$.

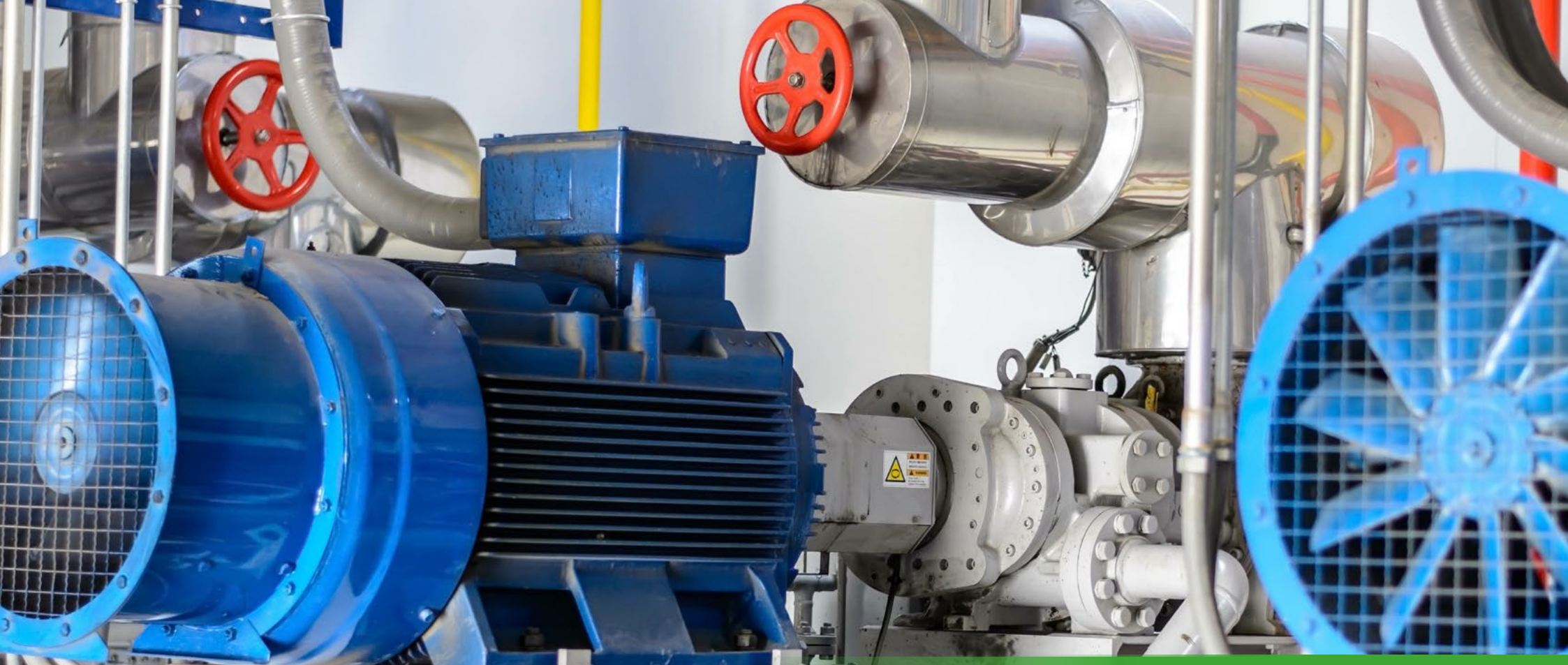


Characteristics

- excellent corrosion protection
- perfect wear protection
- optimized compatibility with sealing materials
- good air release properties – low foaming
- prevention of pitting
- perfect resistance to oxidation
- good shear disruption
- optimal low temperature behavior
- very wide operating temperature range

Specifications

AGMA 250.0479005-D94, David Brown S1.53.101, DIN 51517 part 3 (CLP-HC), Flender, ISO 6743-6 (CKC), US Steel 224



Compressor Oils

These days compressed air is an important energy transfer medium in a number of technical application areas. The reliable generation of compressed air is of crucial importance to many users and as a result, air compressors are vital equipment in many industrial areas. BASINOL developed special air compressor oils and subjected them to the severest of practical trials.

BASINOL® VDL 32

VDL 32 is a paraffin-based compressor oil with a high natural VI and a high flash point.

It has good aging resistance and is indispensable in many compressors due to the thermal load.

VDL 32 has proven itself at high compressor temperatures, especially in reciprocating and rotary lobe compressors that are subject to high thermal loads.

VDL 32 can also be used in roller and slide bearings in oil circulation systems in, for example, paper machines, rotary kilns, plastic and rubber calenders, etc. When operating compressors, the accident prevention regulations VBG 16 must be observed.

As an alloyed oil, VDL 32 covers the requirements for oils of groups VBL and VCL.



Characteristics

- excellent wear protection
- special low-foam
- improved aging resistance
- perfect viscosity stability
- good demulsifying behavior
- advanced skill fluidity
- prevents residue build-up

Specifications

DIN 51506 (type VCL possession); (VDL), ISO 6743-3 (DAA), ISO 6743-3 (DAG), ISO 6743-3 (DAH)

BASINOL® VDL 46

VDL 46 is a paraffin-based compressor oil with a high natural VI and a high flash point.

It has good aging resistance and is indispensable in many compressors due to the thermal load.

VDL 46 has proven itself at high compressor temperatures, especially in reciprocating and rotary lobe compressors that are subject to high thermal loads.

VDL 46 can also be used in roller and slide bearings in oil circulation systems in, for example, paper machines, rotary kilns, plastic and rubber calenders, etc. When operating compressors, the accident prevention regulations VBG 16 must be observed.

As an alloyed oil, VDL 46 covers the requirements for oils of groups VBL and VCL.



Characteristics

- excellent wear protection
- special low-foam
- improved aging resistance
- perfect viscosity stability
- good demulsifying behavior
- advanced skill fluidity
- prevents residue build-up

Specifications

DIN 51506 (type VCL possession); (VDL), ISO 6743-3 (DAA), ISO 6743-3 (DAG), ISO 6743-3 (DAH)

BASINOL® VDL 68

VDL 68 is a paraffin-based compressor oil with a high natural VI and a high flash point.

It has good aging resistance and is indispensable in many compressors due to the thermal load.

VDL 68 has proven itself at high compressor temperatures, especially in reciprocating and rotary lobe compressors that are subject to high thermal loads.

VDL 68 can also be used in roller and slide bearings in oil circulation systems in, for example, paper machines, rotary kilns, plastic and rubber calenders, etc. When operating compressors, the accident prevention regulations VBG 16 must be observed.

As an alloyed oil, VDL 68 covers the requirements for oils of groups VBL and VCL.



Characteristics

- excellent wear protection
- special low-foam
- improved aging resistance
- perfect viscosity stability
- good demulsifying behavior
- advanced skill fluidity
- prevents residue build-up

Specifications

DIN 51506 (type VCL possession); (VDL), ISO 6743-3 (DAA), ISO 6743-3 (DAG), ISO 6743-3 (DAH)

BASINOL® VDL 100

VDL 100 is a paraffin based compressor oil with natural high VI and high flashpoint.

It has good ageing resistance and is indispensable in many compressors due to the thermal load.

VDL 100 has proven itself at high compressor temperatures, especially in thermally highly loaded reciprocating and rotary compressors.

VDL 100 can also be used in rolling and plain bearings in oil circulation systems in e.g. paper machines, rotary kilns, etc.

As an alloyed oil, VDL 100 covers the requirements for oils of the groups VBL and VCL.



Characteristics

- excellent wear protection
- special low-foam
- improved aging resistance
- perfect viscosity stability
- good demulsifying behavior
- advanced skill fluidity
- prevents residue build-up

Specifications

DIN 51506 (type VCL possession); (VDL), ISO 6743-3 (DAA), ISO 6743-3 (DAG), ISO 6743-3 (DAH)

BASINOL® VDL 150

VDL 150 is a paraffin-based compressor oil with a high natural VI and a high flash point.

It has good aging resistance and is indispensable in many compressors due to the thermal load.

VDL 150 has proven itself at high compressor temperatures, especially in reciprocating and rotary lobe compressors that are subject to high thermal loads.

VDL 150 can also be used in roller and slide bearings in oil circulation systems in, for example, paper machines, rotary kilns, plastic and rubber calenders, etc. When operating compressors, the accident prevention regulations VBG 16 must be observed.

As an alloyed oil, VDL 150 covers the requirements for oils of groups VBL and VCL.



Characteristics

- excellent wear protection
- special low-foam
- improved aging resistance
- perfect viscosity stability
- good demulsifying behavior
- advanced skill fluidity
- prevents residue build-up

Specifications

DIN 51506 (type VCL possession); (VDL), ISO 6743-3 (DAA), ISO 6743-3 (DAG), ISO 6743-3 (DAH)

BASINOL® VDL 220

VDL 220 is a paraffin-based compressor oil with a high natural VI and a high flash point.

It has good aging resistance and is indispensable in many compressors because of the thermal load.

VDL 220 has proven itself at high compressor temperatures, especially in reciprocating and rotary lobe compressors that are subject to high thermal loads.

VDL 220 can also be used in roller and slide bearings in oil circulation systems in, for example, paper machines, rotary kilns, plastic and rubber calenders, etc. When operating compressors, the accident prevention regulations VBG 16 must be observed.

As an alloyed oil, VDL 220 covers the requirements for oils of groups VBL and VCL.



Characteristics

- excellent wear protection
- special low-foam
- improved aging resistance
- perfect viscosity stability
- good demulsifying behavior
- advanced skill fluidity
- prevents residue build-up

Specifications

DIN 51506 (type VCL possession); (VDL), ISO 6743-3 (DAA), ISO 6743-3 (DAG), ISO 6743-3 (DAH)







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