

BASINOL® Oils for cars and vans	SAE	Specifications	Fulfills
Premium 016 LX	0W-16	API SN/SN Plus/SN Plus Resource Conserving	Suitable for Toyota, Lexus, Mazda, Honda, Nissan, Infiniti, Mitsubishi, Subaru, Suzuki
Premium 020 PRO	0W-20	ACEA C6/C5, API SP/SN Plus/SN RC, ILSAC GF-5, ILSAC GF-6A	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
Premium Energy 020	0W-20	API SP RC/SN Plus/SN RC, ILSAC GF-5/GF-6A	GM 6094M, 9.55535-CR1, 9.55535-GSX, dexos1™Gen3, M2C 947-B1/962-A, Chrysler MS 6395
Premium 030 LA	0W-30	ACEA C2	Fiat 9.55535-DS1/9.55535-GS1, Ford M2C 950-A, Iveco 18-1811 Class SC1 LV, PSA B71 2312, Suzuki
Premium 040 SX	0W-40	ACEA A3/B4, API SN	BMW Longlife 01, Mercedes-Benz: MB 229.3/229.5, Porsche A40, Renault RN 0700/0710, Volkswagen 502.00/505.00
Premium Energy 0520	5W-20	API SN Plus Resource Conserving, ILSAC GF-5	Chrysler MS 6395, Fiat 9.55535-CR1, Ford M2C 938-A/945-A, GM6094M
Premium 0530 PRO	5W-30	ACEA C3, API SP/SN Plus	Approval: Mercedes-Benz: MB 229.52 Fullfills: BMW Longlife-04, Mercedes-Benz: MB 229.31/229.51, Volkswagen 504.00/507.00, Porsche C30
Superior 0530	5W-30	API SP/SP RC/SN/SN Plus, ILSAC GF-6A/GF-5	9.55535-CR1, dexos1™Gen3, MS 13340, WSS-M2C945-A, WSS-M2C946-A, WSS-M2C947-A, WSS-M2C962-A, Chrysler MS 6395
Power Longlife 0530	5W-30	ACEA C3, API SN	BMW Longlife 04, Mercedes-Benz: MB 229.31/229.51, Porsche C30, Volkswagen 504.00/507.00
Power Syn 0530 C4	5W-30	ACEA C4	Fiat 9.55535-S4, Mercedes-Benz: MB 226.51/229.51, Renault RN 0720
Premium Longlife 0530 DX	5W-30	ACEA C2/C3, API SN/CF	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™
Premium High 0540 PRO	5W-40	ACEA A3/B4, API SN/CF	Approval: Mercedes-Benz: MB 229.5 Fullfills: Mercedes-Benz: MB 226.5, Renault RN 0700/0710, VW 502.00/505.00, BMW Longlife-01, PSA B71 2296, Porsche A40
Premium 0540 C3	5W-40	ACEA C3, API SN/CF	Fiat 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
Power High 0540	5W-40	ACEA A3/B4, API SN/CF	Mercedes-Benz: MB 229.3, Renault RN 0700/0710, PSA B71 2296, Volkswagen 502.00/505.00
Evolution Sport 0550	5W-50	ACEA A3/B3/B4, API SN/CF	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
Evolution Sport 1060	10W-60	ACEA A3/B4, API SN/CF	BMW Longlife-01/M-models, Mercedes-Benz: MB 229.3, Volkswagen 505.00/501.01
Power Syn 1030	10W-30	ACEA A3/B4, API SL/CF	Mercedes Benz: MB 229.1, Volkswagen 501.01/505.00
Power Syn 1040 Plus	10W-40	ACEA A3/B4, API SN/CF	Mercedes-Benz: MB 229.1, Volkswagen 501.01/502.00/505.00, Fiat 9.55535-D2/G2, Renault RN 0700/0710
Power Syn 1040	10W-40	ACEA A3/B4, API SM/CF	Mercedes-Benz: MB 229.1, BMW Special Oil, Volkswagen 501.01/505.00, Fiat 9.55535-D2/G2, PSA B71 2294

All BASINOL® engine oils can be used in both gasoline and diesel engines, they are also suitable for vehicles with turbochargers and catalytic converters. Please follow the instructions of your vehicle manufacturer!

BASINOL® Oils for motorcycle	SAE	Specifications	Fulfills
Master 2T-Synth		API TC, ISO-L-EGD, JASO FD	Dolmar, Husqvarna, Piaggio, Stihl
Master 2T-HS		API TC, Global GD, ISO-L-EGD, JASO FD	Dolmar, Husqvarna, Stihl
Master 4T 1040	10W-40	API SL, JASO MA/MA2	Suitable for Suzuki, Kawasaki, Yamaha
Master 4T 1550	15W-50	API SL, JASO MA/MA2	Suitable for BMW, KTM, Suzuki, Kawasaki, Yamaha

BASINOL® Oils for commercial vehicles and stationary systems	SAE	Specifications	Fulfills
Truck Longlife 0530 Premium	5W-30	ACEA E11/E6/E7/E9, API CK-4/SN, JASO DH-2	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
Truck Longlife 1040 Superior	10W-40	ACEA E6/E7/E8/E9/E11, API CI-4/CI-4 Plus/CJ-4/CK-4/SN, JASO DH-1/DH-2	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-0 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
Truck Longlife 1040 Premium	10W-40	ACEA E6/E7/E9, API CJ-4, Global DHD-1, JASO DH-2	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-0 Premium Plus, MAN M 3575, Mercedes-Benz MB 228.31, MTU DDC BR 2000/4000, MTU Ölkategorie 2.1/3.1, Renault RLD-3, Volvo VDS-4 (STD 417-0001)
Truck Longlife 1040 Plus	10W-40	ACEA A3/B4/E7, API CI-4/SL, Global DHD-1, JASO DH-1	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 (obsolete), 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)
Truck Longlife 1540 Premium	15W-40	ACEA E9, API CJ-4/CK-4, JASO DH-2	DQC III-18 LA, M 3775, Mack EOS-4.5, Mercedes-Benz: MB-Approval 228.31, Renault RLD-3, Volvo VDS-4.5, CES 20086, DDC 93K222, Caterpillar ECF-3, MTU Oil category 2.1
Truck Longlife 1540 Plus	15W-40	ACEA A3/B3/E7, API CI-4/SL	Caterpillar 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
Turbo Power 1540	15W-40	ACEA E9, API CJ-4/CK-4/SN, JASO DH-2	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
Turbo Power 2050	20W-50	ACEA A2/B2/E2/E3, API CG-4/SJ	DEUTZ DQC-II-05, MAN 271 (obsolete), Mercedes-Benz: MB 228.1/229.1, Volvo VDS

BASINOL® Automatic-Transmission-Fluids (ATF)

Fluid ATF DEX. 3
Fluid ATF DEX. 6
Fluid ATF AG PRO
Fluid ATF 7 MB
Fluid ATF 9 PLUS
Fluid ATF CVT
Fluid ATF DCT



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BASINOL® Transmission Oils

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Gear Oil 75W90 Hyp
Gear Oil 80W90 Hyp
Gear Oil 85W90 Hyp
Gear Oil 85W140 Hyp



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BASINOL®
HIGH-TECH MADE IN GERMANY

ENGINE AND TRANSMISSION OILS
FOR PASSANGER CARS AND MOTOR TRUCKS



Welcome to BASINOL®

Decisive for the selection are the operating instructions of your vehicle. Under the point “engine oil” the manufacturers lay down which oil is allowed to be used. Here they give details about:

- viscosity and/or SAE-grade
- approvals
- specifications.



BMW, Fiat-Iveco, Ford, GM, Mack, MAN, Mercedes-Benz, MTU, Porsche, PSA, Renault, Scania, Volvo and VW have their own approvals for engine oils. Other manufacturers use international specifications like ACEA and API. The approvals and specifications have different combinations of numbers and/or letters. These combinations indicate the oil type. Thus the respective details are given on all BASINOL® packages and in this flyer.

Passenger cars

Passenger cars equipped with modern exhaust treatment systems (as for instance diesel particulate filters) require special engine oils in order to prevent their blocking. Depending on the permitted content of the ash-forming additives sulphated ash, phosphorus and sulphur they are divided into Low and Mid SAPS oils and classified according to ACEA C.

ACEA Sequence	Ash content	Overview vehicle types*
C1 (removed, valid through 2023)	Low SAPS	Mitsubishi, Mazda, Land Rover
C2	Mid SAPS	PSA, Toyota, Subaru, Honda, Mitsubishi, Fiat
C3	Mid SAPS	VW-Group, BMW, Mercedes-Benz, Nissan (until the end of 2009), Kia, Hyundai, Suzuki, Mitsubishi, Opel, Subaru, Chevrolet, Fiat
C4	Low SAPS	Renault, Nissan
C5	Mid SAPS	Mercedes-Benz, Jaguar Land Rover, Renault, Nissan, Volvo
C6 NEW!	Mid SAPS	High-performance engines with exhaust aftertreatment, oils with lowered HTHSV (2.6 mPas), increased protection against LSPI, turbocharger wear and deposits

* These are typical recommendations; please follow the instructions of your vehicle manufacturer according to your operating manual. The overview just gives a selection of vehicle types and is not exhaustive.



Motor Trucks

In the last years, new emission standards for **heavy duty vehicles** and **mobile machinery** came into effect in Europe and the United States step by step. In order to achieve these increasingly strict standards, vehicle manufacturers employ modern engine technologies and exhaust treatment systems. Such systems require engine oils with a low content of ash-forming substances, so-called Low and Mid SAPS oils. Naturally, these complex requirements are reflected in the specifications of vehicle manufacturers.

API CK-4 engine oils meet the latest emission standards and are specifically designed to protect diesel particulate filters and other exhaust aftertreatment systems. With API FA-4, an additional specification for engine oils with lowered HTHS-V has been introduced in order to meet the legal requirements regarding fuel and exhaust gas savings. This specification is not backwards compatible. In Europe, modern Low and Mid SAPS oils for use in vehicles with exhaust aftertreatment systems are classified according to ACEA E4, E6, E7 and E9 depending on their content of ash-forming components.

Differences and similarities A short overview

	ACEA E4	ACEA E6	ACEA E7	ACEA E9
Low SAPS		●		●
Content Sulphated ash	≤ 2	≤ 1	≤ 2	≤ 1
Total Base Number	≥ 12	≥ 7	≥ 9	≥ 7
Euro VI		●		●
Diesel particulate filter		●		●
Selective catalytic reduction (AdBlue) Exhaust gas recirculation	●	●	●	●
Extended service intervals		●		
Fuel B05	●	●	●	●
API CJ-4				●
API CK-4		●	●	

High-Tech lubricants of maximum quality from BASINOL®

BASINOL® Characteristics

- Increased engine protection
- Optimum operational performance
- Extended oil change intervals
- Fuel and cost savings
- Reduction of CO₂ emissions
- Optimum engine and transmission hygiene

BASINOL® is a top brand for high-quality lubricants worldwide.

The brand BASINOL® stands for High-Tech lubricants of maximum quality and all carry the “Made in Germany” seal of quality.

Be they engine oils for passenger cars, commercial vehicles and marine, industrial transmission oils, gas engine oils or lubricants for turbines – all BASINOL® products are produced, bottled, packaged, stored and shipped throughout the world only from Germany.

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 transmissions, greases as well as high performance lubricants for industrial applications.

Do you have any questions on our products? Then please just contact us!

We are happy to assist you!

BASINOL®
HIGH-TECH MADE IN GERMANY



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