

IMPERIUM[®] OIL

MADE IN GERMANY



PRODUCT CATALOGUE

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MOTOR OILS FOR PASSENGER CARS

	DESCRIPTION	SPECIFICATION	ARTICLE CODE	PACKAGING
	ISV SAE 0W-20 Fully synthetic high-performance engine oil for vehicles of VW Group.	ACEA A1-/B1-12 VW 508 00 / 509 00 VW TL 52577	41192 41192 41192 41192 41192 41192	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	GV5 SAE 0W-20 Fully synthetic high-performance engine oil for vehicles of VW Group.	API SN ILSAC GF-5 • DEXOS 1 Chrysler MS-6395 Ford WSS-M2C925-A/-B Toyota • Lexus • Honda Subaru	41171 41171 41171 41171 41171 41171 41171	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	ISB SAE 0W-30 High performance low friction engine oil, specially developed for BMW vehicles.	ACEA C2-12 BMW Long-life 12-FE	41193 41193 41193 41193 41193 41193	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	LLF SAE 0W-30 High performance low friction oil for passenger cars gasoline- and diesel-engines.	API SN ACEA C3 VW 504 00/507 00 MB 229.51/229.31 BMW Longlife-04 Porsche C30	40172 40172 40172 40172 40172 40172 40172	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	VI SAE 0W-40 Fully synthetic low friction motor oil for passenger cars gasoline- and diesel-engines, especially for advisable for multivalve arrangement, Turbo Charger and Direct Injection (DI).	API SN/CF ACEA A3-/B4-12 VW 502 00 / 505 00 Renault RN 0700/0710 Ford WSS-M2C937-A Porsche A40	41160 41160 41160 41160 41160 41160 41160	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	GV5 SAE 5W-20 Fully Synthetic Fuel Efficient low friction Engine Oil. - stable lubrication film at all operation conditions - outstanding cold starting properties - low oil consumption and high fuel efficiency	API SN ILSAC GF-5 • DEXOS 1 Chrysler MS-6395 • Ford WSS-M2C925-A/-B	41169 41169 41169 41169 41169 41169	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING



SC3 SAE 5W-30

High performance low friction oil for passenger cars gasoline- and diesel-engines of the VW-Group, also for FSI. Suitable for vehicles with VW Longlife-Service. Special oil for diesel engines with Diesel Particular Filter (DPF).

ACEA A3-/B4-04 /C3-04
VW 504 00 / 507 00
MB 229.51
BMW Longlife-04

40180
40180
40180
40180
40180
40180
40180

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



DEX SAE 5W-30

High performance low friction motor oil for passenger cars with exhaust aftertreatment and without.

API SN/CF
ACEA C3-12/A3-/B4-04
GM dexos 2
VW 502 00 / 505 00 / 505 01 (unit-injector systems)
BMW Longlife-04
MB 229.52 (covers MB 229.31)

41171
41171
41171
41171
41171
41171
41171

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



FO SAE 5W-30

High performance low friction oil for passenger cars gasoline- and diesel-engines especially for FORD-engines.

ACEA A1-/B1-12, A5-/B5-12
API SL
FORD WSS-M2C913-B/C/D
Renault RN 0700
STJLR.03.5003
(Jaguar/Land Rover)

41173
41173
41173
41173
41173
41173
41173

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



IMF SAE 5W-30

All seasons-low friction motor oil for all passenger car engines required a Fuel Economy (FE)-oil.

API SN
ACEA A5-/B5-/C2-08
Honda, Hyundai, KIA, Mazda, Subaru,
ILSAC GF-5, GM 6094 M, Ford WSS-M2C
913-D (covers 913-A,-B and -C)
Ford WSS-M2C 929-A

40190
40190
40190
40190
40190
40190
40190

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



SYN SAE 5W-30

Newest generation high-performance low friction oil for passenger cars and light commercial vehicles

API SN/CF • ACEA A3-/B4-12
Porsche A 40
Renault RN 0710/0700
Opel GM-LL-B-025
PSA B71 2296
Fiat 9.55535-M2
VW 502 00 / 505 00
MB 229.3

41157
41157
41157
41157
41157
41157
41157

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



GM SAE 5W-30

High performance low friction oil for passenger cars gasoline- and diesel-engines especially Opel-engines.

API SL/CF • ACEA A3- / B4-04
Opel LL-A-025/-B-025

41225
41225
41225
41225
41225
41225
41225

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING



LSP SAE 5W-40

Fully Synthetic low friction oil of the new "Low SAP"- generation for passenger car engines with exhaust aftertreatment devices (catalytic converter, diesel partical filter) and without.

API SN/CF
ACEA C3-12 / A3- / B4-04
Renault RN0700/RN0710
Ford WSS-M2C917A
Fiat 9.55535-S2 • Dexos 2
Porsche A40
VW 502 00 / 505 00 / 505 01 (unit-injector systems),
BMW Longlife-04
MB 229.51 (covers MB 229.31)

41239
41239
41239
41239
41239
41239
41239

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



PVS SAE 5W-40

Fully Synthetic high performance low friction oil, especially for modern enhanced fuel-injected- and turbocharged engines.

API SN/CF
ACEA A3-/B4-12
VW 502 00 / 505 00 • MB 226.5
BMW Longlife-01 • Porsche A40
Renault RN0700 und RN0710
Opel GM-LL-B-025
PSA B71 2296
Lamborghini
Maserati

41168
41168
41168
41168
41168
41168
41168

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



EVO SAE 5W-40

High-performance low friction oil for passenger cars and light commercial vehicles.

API SN/CF
ACEA A3-/B4-12
Porsche A 40
Renault RN 0710/0700
Opel GM-LL-B-025
PSA B71 2296
Fiat 9.55535-M2
VW 502 00 / 505 00
MB 229.3

41167
41167
41167
41167
41167
41167
41167

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



IVO SAE 10W-40

High performance low friction oil for passenger cars gasoline- and diesel-engines

API SN/CF
ACEA A3- / B4-12
VW 502 00 /505 00
MB 229.3 (covers MB 229.1)
Renault RN 0700
PSA B71 2296

41344
41344
41344
41344
41344
41344
41344

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



ISO SAE 10W-40

Semi synthetic low friction oil for diesel and gasoline engines in trucks and passenger cars. Suitable for Turbo Charger and Fuel Injection.

API SL/CF
ACEA A3- / B4-08
VW 505 00
Renault RN 700
PSA B71 2296
MB 229.1

41345
41345
41345
41345
41345
41345
41345

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



VTO SAE 10W-40

High-performance low friction oil for gasoline and diesel engines.

API SL/CF
ACEA A3- / B4-04
FIAT 9.55535-G2/D2
VW 502 00 / 505 00
MB 229.3

41140
41140
41140
41140
41140
41140
41140

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING



MVE SAE 15W-40

High-performance oil for gasoline and diesel engines in passenger cars and light commercial vehicles. Especially suited for turbo chargers and multi-valve engines.

API SL/CF
ACEA A3- / B4-04
VW 501 01 / 505 00
MB 229.1

41125
41125
41125
41125
41125
41125
41125

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



SF SAE 15W-40

Multigrade engine oils for prior gasoline and diesel engines with turbo chargers and without.

API SF/CD

41416
41416
41416
41416
41416
41416
41416

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



TRI SAE 15W-50

Semi-synthetic low friction oil for diesel and gasoline engines in trucks and passenger cars.

API SN/CF
ACEA A3- / B4-12

41128
41128
41128
41128
41128
41128
41128

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



HV SAE 20W-50

Multigrade motor oil to be used in passenger cars gasoline and diesel engines.

API SL/CF
ACEA A3- / B4-04
MB 229.1

41366
41366
41366
41366
41366
41366
41366

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



TSI SAE 15W-50

High-performance oil for gasoline and diesel engines in passenger cars and light commercial vehicles. Especially suited for turbo chargers and multi-valve engines.





API SL/CF
ACEA A3- / B4-04

41129
41129
41129
41129
41129
41129
41129

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
60 liters
208 liters
1000 IBC



MOTOR OILS FOR RALLYE / RACING

DESCRIPTION	SPECIFICATION	ARTICLE CODE	PACKAGING	
	RCC RACING SAE 10W-60	API SN/CF ACEA A3- / B4-08	41158 41158 41158 41158 41158 41158 41158	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	RSS RACING SAE 5W-50	API SN/CF ACEA A3- / B4-08	41158 41158 41158 41158 41158 41158 41158	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	RTS RACING SAE 5W-30	ACEA C3-10 MB 229.51 BMW Longlife-04 VW 504 00 / 507 00	41181 41181 41181 41181 41181 41181 41181	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	RTS RACING SAE 5W-40	API SN / CF ACEA C3-12; A3-/B4-04 Porsche A 40 MB 229.51 BMW LL-04 VW 502 00/505 00/505 01(PD)	41240 41240 41240 41240 41240 41240 41240	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC



MOTOR OILS FOR COMMERCIAL VEHICLES

	DESCRIPTION	SPECIFICATION	ARTICLE CODE	PACKAGING
	MX-F SAE 10W-40 High performance low friction oil for highest standards.	API CI-4/CF/SL ACEA E7-12 / A3-/B4-12 MAN M 3275 MB 228.3 Volvo VDS-3 Cummins CES 20076/20077 Mack EO-M Plus Caterpillar ECF-1a MTU type 2 Deutz DQC III-10	41331 41331 41331 41331 41331 41331 41331 41331	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	MX-F SAE 15W-40 Maximum Performance Multigrade Motor Oil for highest standards.	API CI-4 / SL ACEA E7-12 A3-/B4-12 MAN M 3275 MB 228.3 & 229.1 Renault RLD-2 Caterpillar ECF-1 DHD-1 MTU Typ 2 Mack EO-M Plus JASO DH-1 Cummins CES 20076/20077/20078 Volvo VDS-3 DEUTZ DQC III-10	41333 41333 41333 41333 41333 41333 41333 41333	12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	MX-F SAE 20W-50 High performance motor oil for modern heavily stressed diesel engines inclusive turbo charger, especially recommended for fleets operating in severe on and off-highway service applications (trucks and busses) and for construction vehicles.	API CI-4 / SL ACEA E7-12 A3-/B4-12 MB 228.3 & 229.1 MAN M 3275 MTU Type 2	41386 41386 41386 41386 41386	3 x 5 liters 20 liters 60 liters 208 liters 1000 IBC
	EURO V TRUCK SAE 10W-40 High performance UHPD low friction oil for Euro V commercial vehicle engines.	API CI-4 / SL • ACEA E7 / E4 Meets i.a. the requirements of MTU Typ 3 • Deutz DQC III-10 • Renault RXD • Cummings CES 20076, 20077, 20078 Caterpillar ECF 1-a • Scania LDF-2 • MAN M3277 / M3377, MB 228.5 • Volvo VDS-3 Mack EO-N and Renault VI RLD-2	30010 30010 30010 30010	20 liters 60 liters 208 liters 1000 IBC
	EURO VI TRUCK SAE 10W-40 Semi-synthetic high performance low friction diesel oil. Due to reduced sulfur-, phosphor- and ash content suitable for exhaust aftertreatment systems	API CI-4 • ACEA E9 / E7 / E6 Meets i.a. the requirements of MTU Typ 3.1 • Renault RXD/RGD • Mack EO-M Plus • Deutz DQC IV-10 LA Volvo CNG and Scania LA M3477, MAN 3271-1 MB 228.51 Volvo VDS-3 • Mack EO-N and Renault VI RLD-2	41001 41001 41001 41001	20 liters 60 liters 208 liters 1000 IBC

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING



M-SAP SAE 15W-40

High-performance engine oil for low-emission engines recommended for four-stroke naturally aspirated engines, turbocharged engines and supercharged diesel engines.

ACEA E9-12 / E7-12
API CJ-4 / CI-4 Plus / CI-4 / SM
MB 228.31, MAN 3275 / 3575 MTU Typ 2.1,
DDC 93K218
Caterpillar ECF-3 / ECF-2 / ECF-1a •
Cummins CES 20081 • JDQ-78 • Deutz DQC
III-10LA
Volvo VDS-4
Mack EO-O Premium Plus
Renault VI RLD-3

41004
41004
41004
41004

20 liters
60 liters
208 liters
1000 IBC



M-SAP SAE 10W-40

High-performance engine oil for low-emission engines recommended for four-stroke naturally aspirated engines, turbocharged engines and supercharged diesel engines.

ACEA E9-12 / E7-12
API CJ-4 / CI-4 Plus / CI-4 / SM
MB 228.31
MAN 3275 / 3575
MTU Typ 2.1
DDC 93K218
Caterpillar ECF-3 / ECF-2 / ECF-1a
Cummins CES 20081 • JDQ-78
Deutz DQC III-10 LA
Ford WSS-M2C171-E
Volvo VDS-4
Mack EO-O Premium Plus
Renault VI RLD-3

41005
41005
41005
41005

20 liters
60 liters
208 liters
1000 IBC



MOTORCYCLE OILS

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING

MOTORCYCLE 4T SAE 10W-40



High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.

API SN
ACEA A3-04
JASO MA2

42340
42340
42340

12 x 1 liter
20 liters
208 liters

MOTORCYCLE 4T SAE 10W-50



High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.

API SN
ACEA A3-04
JASO MA2

42350
42350
42350

12 x 1 liter
20 liters
208 liters

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING

MOTORCYCLE 4T SAE 10W-60

High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.

API SN
ACEA A3-04
JASO MA2

42360
42360
42360

12 x 1 liter
20 liters
208 liters

MOTORCYCLE 4T SAE 15W-50

High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.

API SN
ACEA A3-04
JASO MA2

42347
42347
42347

12 x 1 liter
20 liters
208 liters

MOTORCYCLE 4T SAE 20W-50

High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.

API SN
ACEA A3-04
JASO MA2

42320
42320
42320

12 x 1 liter
20 liters
208 liters

2T TWO STROKE OILS

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING

SCOOTER 2T ULTRA

Fully synthetic high-performance 2-stroke oil for water- or air-cooled racing and road-engines with separate or petrol lubrication. Developed especially for high speed engines.

API TC
(JASO FD) • (ISO-L-EGD)

40155
40155
40155

12 x 1 liter
20 liters
208 liters

SCOOTER 2T PREMIX

Semi-synthetic 2-stroke engine oil for universal use in petrol and separate lubricated units, especially in high-performance engines of motor vehicles, mopeds, chain saw drives, snowmobiles etc.

API TC
(JASO FD) • (ISO-L-EGD)

42145
42145
42145

12 x 1 liter
20 liters
208 liters

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING

OUTBOARD 2T PM

Self-mixing semi-synthetic 2-stroke oil for fresh water cooled outboard engines.

API NMMA TC-W3
SAE J 1536 Class 3
(Mercury Marine, Bombardier, Yamaha,
Suzuki, Nissan)

42155
42155
42155

12 x 1 liter
20 liters
208 liters

**AUTOMATIC TRANSMISSION FLUIDS**

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING

ATF DSG

High performance automatic transmission fluid (ATF), which was developed for the latest generation of Dual Clutch Transmissions.

Audi / Volkswagen / Seat / Skoda - G 052 178, G 052 182, TL 52 182, G 052 512, G 052 513, G 052 529, G 052 726, G 052 798, G 052 171, G 055 532
BMW - DCTF-1 (83 220 440 2149, MTF-LT-5 (83 22 2167 666), 83 22 0397 244
Citroen / Peugeot- 6DCT451 (Peugot/Citroen 9734 S2)
Nissan - Nissan Genuine Transmission Oil R35 Special
Ferrari - TF DCT-F3
Fiat - 9.55550-MZ-6, Tutela Transmission Gearforce
Ford - WSS-M2C-936-A, WSS-M2C-200-D2
Mercedes Benz - MB 236.25, MB 236.21
Mitsubishi - Diamond Queen SSTF-1
Porsche - 043 207 29, 043 207 30, 000 043 20, 999 917 546 00, TF 0870
Renault - BOT 450
Volvo - BOT 341, #1161838

40633
40633
40633

12 x 1 liter
20 liters
208 liters

ATF CVT

High performance automatic transmission fluid (ATF), which was developed for the latest generation of CVT-transmissions.

BMW 8322 0 429 159
Chrysler Jeep NS-II
Daihatsu Ammix CVT
Daihatsu TC, Ford CVT 23
Ford WSS-M2C928-A
GM/Saturn DEX-CVT
Honda ATF-Z1, Honda HCF2
Honda HMMF*
Hyundai/Kia SP-III, JASO M358
MB 236.20, MB A 001 989 46 03
Mini Cooper EZL799
Mitsubishi NS-II/SP-III/CVT J-1
Mopar CVTF+4
Nissan NS-I, NS-II, NS-III
Subaru ECVT, iCVT
Suzuki CVTF TC, CVT Green 1, NS-II, Toyota CVTF TC, CVTF FE
VW G 052 180
*Use in Honda CVT with start clutch is not recommended.

40632
40632
40632

12 x 1 liter
20 liters
208 liters

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING

ATF MB III

High Performance Life-Time automatic gear fluid (ATF) especially for Mercedes Benz, based on base oils from the synthesis technology and synthetic base oils and a superior performance package.

MB 236.12
 MB 236.14
 Audi G 052 162 (A1, A2)
 Porsche P/N 999 917 547 00
 PSA Peugeot/Citroen P/N Z 000169756
 Jaguar JLM 20238

40632
 40632
 40632

12 x 1 liter
 20 liters
 208 liters

ATF JKR

Automatic Transmission Fluid for Asian vehicles. To be used in automatic transmissions, steering boosters, fluid couplings, hydrodynamic converters and for hydraulics in motor cars, trucks, busses and construction vehicles.

Aisin Warner JWS 3309
 Honda/Acura Z-1
 Hyundai/Kia ATF Red-1K
 Hyundai/Kia Genuine ATF
 Hyundai/Kia JWS-3309 T4
 Hyundai/Kia SP-II / III
 Hyundai/Kia P/N U M040 CH-020 Red-1
 Idemitsu ATF HP
 Idemitsu K17
 Isuzu P/N 08200-9001
 Isuzu ATF II/III
 Isuzu Genuine ATF
 Jaso M315, Class 1A, 1A-02
 Mazda F-1, JWS 3317
 Mazda M-5, P/N XT-9-QMM5
 Mazda M-III, Type T-IV
 Mitsubishi ATF-J2
 Mitsubishi SP, P/N MS991156
 Mitsubishi SP-II / III
 Nissan/Infinity 402
 Nissan/Infinity Matic-D / J / K / W
 SSANG YONG DSIH 5M-66
 Subaru HP
 Subaru P/N K0140Y0700
 Suzuki 3314/3317
 Toyota/Lexus/Scion Type D-II/T-T-III/T-IV

42840
 42840
 42840

12 x 1 liter
 20 liters
 208 liters

ATF MULTI — HV RED

Automatic gearbox fluid for use in European and American cars.

MERCEDES BENZ
 BMW • MINI • PORSCHE
 VW • AUDI • RENAULT • OPEL
 CHRYSLER • DODGE • JEEP • GM
 FORD • JAGUAR • LAND ROVER
 PEUGEOT • CITROEN
 MAN • SAAB • VOLVO

42846
 42846
 42846

12 x 1 liter
 20 liters
 208 liters

ATF MBX-15

High performance ATF for use in the latest Mercedes-Benz 7-speed automatic transmissions.

MB 236.15

40629
 40629
 40629

12 x 1 liter
 20 liters
 208 liters

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING

ATF 8 HP

HC-Synthetic High Performance Automatic Transmission Fluid specially for modern ZF 6-/8-/ and 9-shift automatic transmission recommended.

BMW L12108
(83 22 2 152 426)
BMW 83 22 2 305 397
BMW 83 22 2 289 720
Chrysler 68157995AA
Jaguar 02JDE 26444
Land Rover LR 023288
VW / Audi G 060 162 A1/A2/A6, G 055 162 (A2, A6)
ZF Lifeguard fluid 8 (S671 090 312)

40635
40635
40635

12 x 1 liter
20 liters
208 liters

ATF VI

Automatic gearbox fluid for use in European, American and many Asian cars.

MB • BMW • VW • AUDI
PORSCHE • CHRYSLER
DODGE • JEEP • GM • HONDA
HYUNDAI • KIA • MAZDA
NISSAN • FORD • JAGUAR
MASERATI

42847
42847
42847

12 x 1 liter
20 liters
208 liters

ATF PLUS 4

Universal high-performance ATF Life-Time ATF for modern Automatic Transmissions.

MB 236.11
BMW 83 22 9 407 807 (LT 71141)
Porsche P/N 000 043 205 28

40631
40631
40631

12 x 1 liter
20 liters
208 liters

ATF DX III

Gear oil to be used in automatic transmissions, steering boosters, fluid couplings, hydrodynamic converters and for hydraulics in motor cars, trucks, busses and construction vehicles, if an ATF of Dexron III H - type is recommended.

GM Dexron III H and III G
MB 236.1 / 236.5 / 236.6 / 236.7 Voith
55.6335 & 55.6336 Allison C-4 / TES 389
MAN 339 Typ Z-1 & V-1 / Z2 & V2 Ford
Mercon
Ford M2C138-CJ, M2C166-H
Volvo 97340 / 97341
ZF TE-ML 02F, 04D, 09, 11A, 14A, 17C

42835
42835
42835

12 x 1 liter
20 liters
208 liters

ATF TASA

Automatic transmission fluid for use in automatic transmissions and torque converters.

Performance level:
GM ATF Type A, Suffix A

MB 236.2 • MAN 339 Typ A
Renk (Doromat)

42811
42811
42811

12 x 1 liter
20 liters
208 liters

ATF DX II

Advanced transmission fluid (ATF) for universal use in automatic transmissions, steering boosters and hydraulic units.

MB 236.7 • Voith,
Allison C-3/C-4 MAN 339 Typ D
ZF TE-ML 03D, 04D, 09A, 11A, 14A, Ford
SQM-9010B, Ford M2C-138CJ / 166H / 185A
Caterpillar TO-2

42824
42824
42824

12 x 1 liter
20 liters
208 liters



MANUAL TRANSMISSION OILS

DESCRIPTION	SPECIFICATION	ARTICLE CODE	PACKAGING
<p>MTF 4- 75W-80</p>  <p>HC-Synthesis manual transmission oil. Especially suitable for BMW, VW and Mercedes-Benz.</p>	<p>API GL-4 MB • BMW • VW • Ford PSA • Volvo • Toyota • Honda</p>	<p>42517 42517 42517 42517 42517</p>	<p>12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 208 liters</p>
<p>MTF 4- 75W-90</p>  <p>Semi-synthetic low friction EP gear oil for synchromesh and non-synchromesh manual gears as well as for certain steering gears and axle drives.</p>	<p>API GL-4 MAN 341 E-1 + Z-2, MB 235.1 and ZF TE-ML 02B, 16A, 17A, 19C</p>	<p>42514 42514 42514 42514 42514</p>	<p>12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 208 liters</p>
<p>MTF 4- 80W-90</p>  <p>Multipurpose EP gear oil for synchronized and non-synchronized manual transmissions as well as certain steering and axle transmissions.</p>	<p>API GL-4 MB 235.1 MAN 341 E-1 ZF TE-ML 06L, 08, 16A, 17A, 19A, 19C</p>	<p>42525 42525 42525 42525 42525</p>	<p>12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 208 liters</p>
<p>MTF 4- 85W-90</p>  <p>Multipurpose EP gear oil for synchronized and non-synchronized manual transmissions as well as certain steering and axle transmissions.</p>	<p>API GL-4 MB 235.1 MAN 341 E-1 ZF TE-ML 06L, 08, 16A, 17A, 19A, 19C</p>	<p>42530 42530 42530 42530 42530</p>	<p>12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 208 liters</p>
<p>MTF 5- 80W-90</p>  <p>Hypoid gear oil for heavily stressed rear axle drives, distributor-, intermediate- and secondary gears in motor vehicles and machine tools.</p>	<p>API GL-5 MIL-L-2105 D MB 235.0 & MB 235.6 MAN 342 M-2 (160.000 km Ölwechsel) ZF TE-ML 05A, 07A, 08, 12E, 16B-D, 17B, 19B, 21A</p>	<p>42555 42555 42555 42555 42555</p>	<p>12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 208 liters</p>
<p>MTF 5- 85W-90</p>  <p>Hypoid gear oil for heavily stressed rear axle drives, distributor- intermediate- and secondary gears in motor vehicles and machine tools.</p>	<p>API GL-5 MIL-L-2105 D MB 235.0 & MB 235.6 MAN 342 M-2 (160.000 km Ölwechsel) ZF TE-ML 05A, 07A, 08, 12E, 16B-D, 17B, 19B, 21A</p>	<p>42560 42560 42560 42560 42560</p>	<p>12 x 1 liter 4 x 4 liters 3 x 5 liters 20 liters 208 liters</p>

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING

MTF 5- 85W-140

Hypoid gear oil for heavily stressed rear axle drives, distributor-, intermediate- and secondary gears in motor vehicles and machine tools.

API GL-5
MIL-L-2105 D
MB 235.0 & MB 235.6
MAN 342 M-2
(160.000 km Ölwechsel)
ZF TE-ML 05A, 07A, 08, 12E, 16B-D, 17B, 19B, 21A

42565
42565
42565
42565
42565

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
208 liters

MTF 5LS - 85W90

Special gear oil for axle drives with limited-slip differentials.

API GL-5
MAN 342 Typ M-1, MB 235.0
MIL-L-2105D
Volvo 97310 / 97311
and ZF TE-ML 05C, 12C, 16E, 21C

42565
42565
42565
42565
42565

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
208 liters

MTF 4.5- 75W-90

Fully synthetic universal gear oil of the highest performance class with excellent fuel economy properties and extreme load-carrying capacity.

API GL-4 and GL -5 and MT-1
MIL-PRF 2105 D & E, MAN 3343, MB 235.6
and ZF TE-ML 02B, 05A, 07A, 08, 16B, 17A+B.

40645
40645
40645
40645
40645

12 x 1 liter
4 x 4 liters
3 x 5 liters
20 liters
208 liters

**HYDRAULIC OILS**

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING

HYDRALUBE HLP 22.32.46.68

Mineral oil-base hydraulic oil. Meets and exceeds the requirements of DIN 51 524 part 2 (HLP), ISO 6743/3 (HM) and AFNOR NF E48 602 (HM).

ISO-VG

44022
44032
44046
44068

20 liters
60 liters
208 liters
1000 IBC

HYDRALUBE HLP-D 46

Cleaning active EP hydraulic oil for extreme operating conditions. Meets and exceeds the requirements of DIN 51 524 part 2 (HLP, deterging) and MAN-N 698.

ISO-VG

44246
44246
44246
44246

20 liters
60 liters
208 liters
1000 IBC

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING



HYD HLVP ISO VG 22, 32,46,68 & 100

High-performance EP hydraulic oil with very good viscosity temperature characteristics. Meets and exceeds the requirements of DIN 51 524 part 3 (HLVP), ISO 6743/4 (HV) and AFNOR NF E 48 602 (HV).

ISO-VG

44546
44546
44546
44546

20 liters
60 liters
208 liters
1000 IBC



BRAKE FLUID

DESCRIPTION

SPECIFICATION

ARTICLE CODE

PACKAGING



DOT 4

Synthetic high-performance brake fluid for modern vehicle brake systems with disk or drum brakes. Mixable with brake fluids of the same specifications.

Corresponds to FMVSS 116, SAE J 1703/J 1704 und ISO 4925 Class 4.

40770
40770
40770

32 x 250 ml
12 x 500 ml
12 x 1 liters

LUBRICANTS SPECIFICATIONS AND CLASSIFICATIONS

ACEA EUROPEAN OIL SEQUENCES-GUIDELINE

Three main factors specifically affecting the European market: • Extended oil drain intervals • Fuel savings • Exhaust gas composition
ACEA specifications are guidelines for European cars. The different uses of the oils are labelled by the European ACEA 2012 classification by letter:

A / B	for passenger car gasoline and light duty diesel engines
C	for passenger cars gasoline and light duty diesel engines with after treatment devices
E	for commercial vehicles with heavy duty diesel engines

ACEA A / B FOR GASOLINE AND DIESEL ENGINE OILS

AI / BI	Stable, stay-in-grade oil intended for use at extended drain intervals in gasoline engines and car & light van diesel engines specifically designed to be capable of using low friction low viscosity oils with a high temperature / high shear rate viscosity of 2.6 mPa*s for xW / 20 and 2.9 to 3.5 mPa*s for all other viscosity grades. These oils are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.
A3 / B3	Stable, stay-in-grade oil intended for use in high performance gasoline engines and car & light van diesel engines and / or for extended drain intervals where specified by the engine manufacturer, and / or for year-round use of low viscosity oils, and / or for severe operating conditions as defined by the engine manufacturer.
A3 / B4	Stable, stay-in-grade oil intended for use in high performance gasoline and direct injection diesel engines, but also suitable for applications described under A3 / B3.
A5 / B5	Stable, stay-in-grade oil intended for use at extended drain intervals in high performance gasoline engines and car & light van diesel engines designed to be capable of using low friction low viscosity oils with a High temperature / High shear rate (HTHS) viscosity of 2.9 to 3.5 mPa*s. These oils are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.

ACEA C FOR CATALYST COMPATIBILITY OILS

C1	Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines requiring low friction, low viscosity, low SAPS oils with a minimum HTHS viscosity of 2.9 mPa*s. These oils will increase the DPF and TWC life and maintain the vehicles fuel economy. Warning: these oils have the lowest SAPS limits and are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.
C2	Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines designed to be capable of using low friction, low viscosity oils with a minimum HTHS viscosity of 2.9 mPa*s. These oils will increase the DPF and TWC life and maintain the vehicles fuel economy. Warning: these oils are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.

C3

Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines, with a minimum HTHS viscosity of 3.5 mPa*s. These oils will increase the DPF and TWC life. Warning: these oils are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.

C4

Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines requiring low SAPS oil with a minimum HTHS viscosity of 3.5 mPa*s. These oils will increase the DPF and TWC life. Warning: these oils are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.

SAPS : Sulphated Ash, Phosphorus, Sulphur

DPF : Diesel Particulate Filter

TWC : Three way catalyst

HTHS : High temperature / High shear rate viscosity

ACEA E FOR HEAVY DUTY DIESEL ENGINE OILS

E4

Stable, stay-in-grade oil providing excellent control of piston cleanliness, wear, soot handling and lubricant stability. It is recommended for highly rated diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under very severe conditions, e.g. significantly extended oil drain intervals according to the manufacturer's recommendations. It is suitable for engines without particulate filters, and for some EGR engines and some engines fitted with SCR NOx reduction systems. However, recommendations may differ between engine manufacturers so Driver Manuals and / or Dealers shall be consulted if in doubt.

E6

Stable, stay-in-grade oil providing effective control with respect to piston cleanliness and bore polishing. It further provides excellent wear control, soot handling and lubricant stability. It is recommended for highly rated diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under severe conditions, e.g. extended oil drain intervals according to the manufacturer's recommendations. It is suitable for engines without particulate filters, and for most EGR engines and most engines fitted with SCR NOx reduction systems. However, recommendations may differ between engine manufacturers so Driver Manuals and / or Dealers shall be consulted if in doubt.

E7

Stable, stay-in-grade oil providing effective control with respect to piston cleanliness and bore polishing. It further provides excellent wear control, soot handling and lubricant stability. It is recommended for highly rated diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under severe conditions, e.g. extended oil drain intervals according to the manufacturer's recommendations. It is suitable for engines with or without particulate filters, and for most EGR engines and for most engines fitted with SCR NOx reduction systems. E7 is strongly recommended for engines fitted with particulate filters and is designed for use in combination with low sulphur diesel fuel. However, recommendations may differ between engine manufacturers so Drivers Manuals and / or Dealers should be consulted if in doubt.

E9

Stable, stay-in-grade oil providing effective control with respect to piston cleanliness and bore polishing. It further provides excellent wear control, soot handling and lubricant stability. It is recommended for highly rated diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under severe conditions, e.g. extended oil drain intervals according to the manufacturer's recommendations. It is suitable for engines with or without particulate filters, and for most EGR engines and for most engines fitted with SCR NOx reduction systems. E9 is strongly recommended for engines fitted with particulate filters and is designed for use in combination with low sulphur diesel fuel. However, recommendations may differ between engine manufacturers so Drivers Manuals and / or Dealers should be consulted if in doubt.

ILSAC STANDARD FOR PASSENGER CAR ENGINE OILS

GF-5	Introduced in October 2010, designed to provide improved high temperature deposit protection for pistons and turbochargers, more stringent sludge control, improved fuel economy, enhanced emission control system compatibility, seal compatibility, and protection of engines operating on ethanol-containing fuels up to E85.
GF-4	Use GF-5 where GF-4 is recommended.
GF-3	Use GF-5 where GF-3 is recommended.
GF-2	Use GF-5 where GF-2 is recommended.
GF-1	Use GF-5 where GF-1 is recommended.

GASOLINE ENGINES (Follow your vehicle manufacturer's recommendations on oil performance levels)

SN	Introduced in October 2010, designed to provide improved high temperature deposit protection for pistons and turbochargers, more stringent sludge control, improved fuel economy, enhanced emission control system compatibility, seal compatibility, and protection of engines operating on ethanol-containing fuels up to E85.
SM	For 2010 and older automotive engines.
SL	For 2004 and older automotive engines.
SJ	For 2001 and older automotive engines.
SH	OBSELETE: For 1996 and older automotive engines.
SG	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1993. May not provide adequate protection against build-up of engine sludge, oxidation, or wear.
SF	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1988. May not provide adequate protection against build-up of engine sludge.
SE	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1979.
SD	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1971. Use in more modern engines may cause unsatisfactory performance or equipment harm.
SC	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1967. Use in more modern engines may cause unsatisfactory performance or equipment harm.
SB	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1951. Use in more modern engines may cause unsatisfactory performance or equipment harm.
SA	CAUTION: Contains no additives. Not suitable for use in most gasoline-powered automotive engines built after 1930. Use in modern engines may cause unsatisfactory performance or equipment harm.

DIESEL ENGINES (Follow your vehicle manufacturer's recommendations on oil performance levels)

CJ-4

For high-speed four-stroke cycle diesel engines designed to meet 2010 model year on-highway and Tier 4 nonroad exhaust emission standards as well as for previous model year diesel engines. These oils are formulated for use in all applications with diesel fuels ranging in sulfur content up to 500 ppm (0.05% by weight). However, the use of these oils with greater than 15 ppm (0.0015% by weight) sulfur fuel may impact exhaust aftertreatment system durability and/or drain interval. CJ-4 oils are especially effective at sustaining emission control system durability where particulate filters and other advanced aftertreatment systems are used. Optimum protection is provided for control of catalyst poisoning, particulate filter blocking, engine wear, piston deposits, low- and high-temperature stability, soot handling properties, oxidative thickening, foaming, and viscosity loss due to shear. API CJ-4 oils exceed the performance criteria of API CI-4 with CI-4 PLUS, CI-4, CH-4, CG-4 and CF-4 and can effectively lubricate engines calling for those API Service Categories. When using CJ-4 oil with higher than 15 ppm sulfur fuel, consult the engine manufacturer for service interval.

CI-4

Introduced in 2002. For high-speed, four-stroke engines designed to meet 2004 exhaust emission standards implemented in 2002. CI-4 oils are formulated to sustain engine durability where exhaust gas recirculation (EGR) is used and are intended for use with diesel fuels ranging in sulfur content up to 0.5% weight. Can be used in place of CD, CE, CF-4, CG-4, and CH-4 oils. Some CI-4 oils may also qualify for the CI-4 PLUS designation.

CH-4

Introduced in 1998. For high-speed, four-stroke engines designed to meet 1998 exhaust emission standards. CH-4 oils are specifically compounded for use with diesel fuels ranging in sulfur content up to 0.5% weight. Can be used in place of CD, CE, CF-4, and CG-4 oils.

CG-4

OBSELETE: Introduced in 1995. For severe duty, high-speed, four-stroke engines using fuel with less than 0.5% weight sulfur. CG-4 oils are required for engines meeting 1994 emission standards. Can be used in place of CD, CE, and CF-4 oils.

CF-4

OBSELETE: Introduced in 1990. For high-speed, four-stroke, naturally aspirated and turbocharged engines. Can be used in place of CD and CE oils.

CF-2

OBSELETE: Introduced in 1994. For severe duty, two-stroke-cycle engines. Can be used in place of CD-II oils.

CF

OBSELETE: Introduced in 1994. For off-road, indirect-injected and other diesel engines including those using fuel with over 0.5% weight sulfur. Can be used in place of CD oils.

CE

CAUTION: Not suitable for use in most diesel-powered automotive engines built after 1994.

CD-II

CAUTION: Not suitable for use in most diesel-powered automotive engines built after 1994.

CD

CAUTION: Not suitable for use in most diesel-powered automotive engines built after 1994.

CC

CAUTION: Not suitable for use in most diesel-powered engines built after 1990.

CB

CAUTION: Not suitable for use in most diesel-powered engines built after 1961.

CA

CAUTION: Not suitable for use in most diesel-powered engines built after 1959.

SAE VISCOSITY GRADES: PASSENGER CAR MOTOR OIL

Multigrade oils such as SAE 5W-30 and 10W-30 are widely used because, under all but extremely hot or cold conditions, they are thin enough to flow at low temperatures and thick enough to perform satisfactorily at high temperatures. Note that vehicle requirements may vary. **Follow your vehicle manufacturer's recommendations on SAE oil viscosity grade.**

If lowest expected outdoor temperature is

0°C (32°F)

-18°C (0°F)

Below -18°C (0°F)

Typical SAE viscosity grades for passenger cars

0W-20, 0W-30, 5W-20, 5W-30, 10W-30, 10W-40, 20W-50

0W-20, 0W-30, 5W-20, 5W-30, 10W-30, 10W-40

0W-20, 0W-30, 5W-20, 5W-30

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