

Tor Multigrade 15W40

Description

A modern multifunctional motor oil, produced with high quality solvent refined base oils and modern additives to obtain the following properties:

- a strong detergency and dispersion power
- a strong resistance against oxidation
- a strong protection against wear
- a strong protection against corrosion and foaming
- a high and stable viscosity index
- a low tendency to evaporation

Application

This modern multifunctional motor oil is recommended for use in petrol-, diesel-, and LPG-engines, with or without turbo-charging, in passenger cars and delivery vans.

Performance Level

ACEA A3/B4 API SL/CF

MB-Approval 229.1

Meets the requirements of VW 501.01/505.00

Typicals

Density at 15 °C, kg/l ...0,869

Viscosity -20 °C, mPa.s ...4070

Viscosity 40 °C, mm²/s ...116,10

Viscosity 100 °C, mm²/s ...14,70

Viscosity Index ... 130

Flash Point COC, °C ...230

Pour Point, °C ...-30

Total BaseNumber, mgKOH/g ...10,2

Sulphate Ash, % ...1,29

Tor Specialsynth GM1G2 0W20

Description

A modern, synthetic, fuel economy motor oil based on special selected synthetic base oils with a high viscosity index and a well balanced choice of advanced additives to obtain the following properties:

- a lower fuel consumption
- a high and very stable viscosity index
- a high resistance against shearing
- a fast cold start
- a very strong resistance against oxidation
- a safe lubrication film at very high temperatures
- a very good detergency and dispersion
- a very strong protection against wear, corrosion and foaming

Application

A fuel economy, special composed synthetic motor oil recommended for use in petrol engines of passenger cars, which prescribe an oil with the specification GM dexos1™ Gen 2.

Performance Level

API SN Resource Conserving

ILSAC GF-5

Meets the requirements of GM dexos1 (TM) Gen 2 Chrysler MS 6395

Typicals

Density at 15 °C, kg/l0,843

Viscosity -35 °C, mPa.s...4940

Viscosity 40 °C, mm²/s ...44,00

Viscosity 100 °C, mm²/s ...8.60

Viscosity Index178

Flash Point COC, °C222

Pour Point, °C... -39

Total Base Number, mgKOH/g ...8,5

Sulphate Ash, % ...0,89

Hypersynth 10W30

Description

This motor oil is based on high quality solvent refined mineral and synthetic base oils. By adding a well balanced choice of additives the following properties are obtained:

- a high and stable viscosity index
- a fast cold start
- a strong resistance against oxidation
- a good detergency and dispersion
- a safe lubrication film at high temperatures
- a strong protection against wear, corrosion and foaming

Application

This all-round motor oil is recommended for use in petrol- and diesel engines, with or without turbo-charging, in passenger cars and delivery vans.

Performance Level

ACEA A3/B4-12

API SH/CF

Meets the requirements of VW 502.00/505.00

API SN/CF

API SN quality only; not-licensable due to phosphorus-limit

Typicals

Density at 15 °C, kg/l...0,861

Viscosity -25 °C, mPa.s ...4130

Viscosity 40 °C, mm²/s....71,10

Viscosity 100 °C, mm²/s ...11,50

Viscosity Index156

Flash Point COC, °C ...220

Pour Point, °C ...-39

Total Base Number, mgKOH/g ...10,3

Sulphate Ash, %1,33

Mixfleet Ultra 10W30

Description

A universal multigrade engine oil produced with special selected solvent refined base oils and additives. This engine oil has the following properties:

- a good detergency prevents deposits in the engine
- a good dispersion that prevents from precipitation and sludge
- a powerful action against wear, corrosion and foam
- a stable viscosity index

Application

This universal lubricating oil is suitable for gasoline or diesel engines, with or without super-charging. This motor oil is suitable for application in mixed fleets.

Performance Level

Meets the requirements of
ACEA E7 API CH-4/SH
MAN M 3275-1 Cat ECF-1-a
Cummins CES 20076/20077 Deutz DQC III-10
MTU Type 2

Typicals

Density at 15 °C, kg/l0,857
Viscosity -25 °C, mPa.s..... 3360
Viscosity 40 °C, mm²/s64,90
Viscosity 100 °C, mm²/s.....10,80
Viscosity Index158
Flash Point COC, °C ...216
Pour Point, °C ...-42
Total Base Number, mgKOH/g 11,1
Sulphate Ash, %1,43

Tor Multisynth 10W40

Description

This motor oil is based on high quality solvent refined mineral and synthetic base oils. By adding a well balanced choice of additives the following properties are obtained:

- a high and stable viscosity index
- a fast cold start
- a strong resistance against oxidation
- a good detergency and dispersion
- a safe lubrication film at high temperatures
- a strong protection against wear, corrosion and foaming

Application

This all-round motor oil is recommended for use in petrol- and diesel engines, with or without turbo-charging, in passenger cars and delivery vans.

Performance Level

ACEA A3/B4 API SL/CF

MB-Approval 229.1

Meets the requirements of VW 501.01/505.00

Typicals

Density at 15 °C, kg/l ...0,863

Viscosity -25 °C, mPa.s3710

Viscosity 40 °C, mm²/s101,60

Viscosity 100 °C, mm²/s ...14,80

Viscosity Index ...152

Flash Point COC, °C ...224

Pour Point, °C-36

Total Base Number, mgKOH/g ...10,2

Sulphate Ash, %1,29

Multigrade SL/CF 20W50

Description

A modern multifunctional motor oil, produced with high quality solvent refined base oils and additives to obtain the following properties:

- a strong detergency and dispersion power
- a strong resistance against oxidation
- a strong protection against wear
- a strong protection against corrosion and foaming
- a high and stable viscosity index
- a low tendency to evaporation

Application

This modern multifunctional motor oil is recommended for use in petrol-, diesel-, and LPG-engines, with or without turbo-charging, in passenger cars and delivery vans.

Performance Level

ACEA A3/B4 API SL/CF
Meets the requirements of MB 229.1
VW 501.01/505.00

Typicals

Density at 15 °C, kg/l...0,889
Viscosity -15 °C, mPa.s .. 8500
Viscosity 40 °C, mm²/s ...158,40
Viscosity 100 °C, mm²/s... 17,40
Viscosity Index120
Flash Point COC, °C ...238
Pour Point, °C-24
Total Base Number, mgKOH/g ...10,2
Sulphate Ash, %....1,29

Specialsynth GM1G2 5W20

Description

A modern, synthetic, fuel economy motor oil based on special selected synthetic base oils with a high viscosity index and a well balanced choice of advanced additives to obtain the following properties:

- a lower fuel consumption
- a high and very stable viscosity index
- a high resistance against shearing
- a fast cold start
- a very strong resistance against oxidation
- a safe lubrication film at very high temperatures
- a very good detergency and dispersion
- a very strong protection against wear, corrosion and foaming

Application

A fuel economy, special composed synthetic motor oil recommended for use in petrol engines of passenger cars, which prescribe an oil with the specification GM dexos1™ Gen 2.

Performance Level

Meets the requirements of
API SN Resource Conserving ILSAC GF-5
GM dexos1 (TM) Gen 2 Chrysler MS 6395

Typicals

Density at 15 °C, kg/l0,852
Viscosity -30 °C, mPa.s ...3940
Viscosity 40 °C, mm²/s48,00
Viscosity 100 °C, mm²/s ...8,80
Viscosity Index166
Flash Point COC, °C ...226
Pour Point, °C ...-36
Total Base Number, mgKOH/g8,5
Sulphate Ash, % ...0,89

Specialsynth 5W20

Description

A modern, synthetic, fuel economy motor oil based on special selected synthetic base oils with a high viscosity index and a well balanced choice of advanced additives to obtain the following properties:

- a lower fuel consumption
- a high and very stable viscosity index
- a high resistance against shearing
- a fast cold start
- a very strong resistance against oxidation
- a safe lubrication film at very high temperatures
- a very good detergency and dispersion
- a very strong protection against wear, corrosion and foaming

Application

A fuel economy, special composed synthetic motor oil recommended for use in petrol and diesel engines, with or without turbo-charging, in passenger cars and delivery vans.

Performance Level

ACEA C3 API SN/CF

Typicals

Density at 15 °C, kg/l0,848
Viscosity -30 °C, mPa.s....6010
Viscosity 40 °C, mm²/s40,60
Viscosity 100 °C, mm²/s ...7,95
Viscosity Index ...172
Flash Point COC, °C228
Pour Point, °C ...-39
Total Base Number, mgKOH/g7,3
Sulphate Ash, %0,78

Hypersynth 5W30

Description

A modern, synthetic, fuel economy, universal motor oil based on special selected synthetic base oils with a high viscosity index and a well balanced choice of advanced additives to obtain the following properties:

- a lower fuel consumption
- a high and very stable viscosity index
- a high resistance against shearing
- a fast cold start
- a very strong resistance against oxidation
- a safe lubrication film at very high temperatures
- a very good detergency and dispersion
- a very strong protection against wear, corrosion and foaming

Application

A universal, fuel economy, special composed synthetic motor oil recommended for use in petrol and diesel engines, with or without turbo-charging, in passenger cars and delivery vans for which the most modern specifications are required.

Performance Level

ACEA A3/B4 API SH/CF

Meets the requirements of VW 502.00/505.00

MB 229.3/226.5

BMW Longlife-01 Renault RN0700 API SN/CF *)

*) API SN quality only; not-licensable due to phosphorus-limit

Typicals

Density at 15 °C, kg/l ...0,855

Viscosity -30 °C, mPa.s4470

Viscosity 40 °C, mm²/s67,00

Viscosity 100 °C, mm²/s ...11,70

Viscosity Index171

Flash Point COC, °C ...228

Pour Point, °C-42

Total Base Number, mgKOH/g....10,3

Sulphate Ash, %1,33

Tor Specialsynth NF 5W30

Description

A universal, synthetic fuel economy motor oil developed according the most recent technology and based on specially selected synthetic base oils with a high natural viscosity index. With the addition of a well-balanced choice of advanced additives the following properties are obtained:

- a lower fuel consumption
- a high and very stable viscosity index
- a high resistance against shearing
- a fast cold start
- a safe lubrication film at very high temperatures
- reduced formation of combustion ashes
- a very good detergency and dispersion
- a very strong protection against wear, corrosion and foaming

Application

This universal, fuel saving synthetic motor oil is suitable for use in petrol and diesel engines, with or without turbo-charging. Moreover this lubricant is also very suitable for passenger car diesel engines with pump-injector-unit. This product meets the requirements of several OEM's and thus has a wide application.

Performance Level

ACEA C3 API SN

MB-Approval 229.51/229.52 Approved under VW 505.00/505.01 GM Dexos 2

BMW Longlife-04

Typicals

Density at 15 °C, kg/l0,850

Viscosity -30 °C, mPa.s6000

Viscosity 40 °C, mm²/s72,60

Viscosity 100 °C, mm²/s ...12,30

Viscosity Index168

Flash Point COC, °C230

Pour Point, °C-36

Total Base Number, mgKOH/g ...7,4

Sulphate Ash, %0,78

ATF DMM

Description

A very high graded automatic transmission fluid formulated with solvent refined and synthetic base oils and a number of selected additives to obtain the following properties:

- a very high and stable viscosity index
- a very low pour point
- very good stability against oxidation
- a positive activity against wear, corrosion and foam
- specific friction properties
- a perfect compatibility with seals and non-ferro metals
- red coloured

Application

This fluid may be used for automatic gear boxes, power steering units, torque converters and other equipment, for which an ATF Dexron IID, IIE, IIIF, IIIG or IIIH fluid is required.

Performance Level Meets

the requirements of
Dexron IID/IIE/IIIF/IIIG/IIIH
MB 236.1/236.5/236.6/236.7/236.9
Ford Mercon/M2C138-CJ/166-H MAN 339 Typ Z1/V1
Allison C4/TES-389 Cat TO-2
Voith 55.6335 (G607)
Volvo 97341
ZF TE-ML 02F/03D/04D/09A/09B/11A/11B/14A/17C

Typicals

Density at 15 °C, kg/l0,853
Viscosity 40 °C, mm²/s37,70
Viscosity 100 °C, mm²/s7,60
Viscosity Index ...175
Flash Point COC, °C210
Pour Point, °C....-51

ATF Multi

Description

A synthetic automatic transmission fluid, based on synthetic base oils, formulated with special friction modifiers to obtain the following properties:

- a very high and stable viscosity index
- a very low pour point
- an excellent stability against oxidation
- a positive activity against wear, corrosion and foam
- specific friction properties and consequently low noise and smooth switching
- compatible with synthetic seals
- a quick oil provision at cold start conditions
- red coloured

Application

This fluid may be used for automatic transmissions, which are applied in several North American, European and Asian cars with mentioned specifications. It is recommended to follow the instructions of the manufacturer.

Performance Level

Meets the requirements of
Ford Mercon V MB 236.6
MAN 339 Typ V2/Z2/Z11
Volvo 97341 Allison C4 JASO 1-A
Voith 55.6336
ZF TE-ML 04D/14B/16L/20B

Typicals

Density at 15 °C, kg/l ...0,852
Viscosity 40 °C, mm²/s37,60
Viscosity 100 °C, mm²/s ...7,60
Viscosity Index176
Flash Point COC, °C220
Pour Point, °C-48
Total Base Number, mgKOH/g5,8

Tor Super Gear Oil 80W90

Description

This gear oil is a mineral lubricating oil for mechanical transmissions, formulated with high quality solvent refined base oils and special EP-additives to obtain the following properties:

- excellent resistance against oxidation
- a very high activity against wear, corrosion and foam
- a low pour point
- very good EP-properties

Application

This gear oil is used in hypoid differentials under very heavy duty conditions and should be used in all transmissions that require EP-transmission oils.

Performance Level

API GL-5 MIL-L-2105D

ZF TE-ML 16B/17B/19B/21A

Meets the requirements of MAN 342 Typ M1

MB 235.0

Typicals

Density at 15 °C, kg/l0,895

Viscosity 40 °C, mm²/s149,00

Viscosity 100 °C, mm²/s... .14,80

Viscosity Index ...98

Flash Point COC, °C ...230

Pour Point, °C .. -30

Acid number, mgKOH/g ...1,80

Sulphate Ash, %0,05

Multi CVT Fluid

Description

A high performance synthetic fluid for modern continuously variable transmissions, based on synthetic base oils, formulated with special additives to obtain the following properties:

- a very high and stable viscosity index
- a very low pour point
- an excellent stability against oxidation
- a positive activity against wear, corrosion and foam
- ideal friction performance, for both CVT belt and CVT chain
- seal compatibility for better leakage prevention
- high superior anti-shudder performance
- extended service interval in combination with a longer transmission life

Application

This high quality synthetic fluid is designed for application in continuously variable automatic gear boxes. The so called CVTF's.

Performance Level

Meets the requirements of

Toyota CVTF TC/FE, Nissan NS-1/NS-2/NS-3 Honda HMMF(without starting clutch)/HCF2 Mitsubishi SP-III (only in CVT)/CVTF-J1/J4/J4+ Subaru ECVT/iCVT/iCVT FG/NS-2

Subaru Lineartronic High Torque (HT) CVTF Subaru Lineartronic chain CVTF/CVTF II Daihatsu Amix CVTF DC/DFC/DFE

Suzuki CVTF TC/3320/NS-2/Green 1/Green 2/Green 1V Mazda JWS 3320, GM DEX-CVT

Mini Cooper EZL799/EZL799A Hyundai/Kia CVT-J1/SP III (CVT model) MB 236.20, Ford WSS-M2C928-A

VW G-052-180/G-052-516

Chrysler/Dodge/Jeep NS-2/Mopar CVTF+4

Typicals

Density at 15 °C, kg/l0,845

Viscosity 40 °C, mm²/s...35,40

Viscosity 100 °C, mm²/s ...7,30

Viscosity Index177

Flash Point COC, °C214

Pour Point, °C-48

Total Base Number, mgKOH/g3,6