

## **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, mm<sup>2</sup>/s ...116,10

Viscosity 100 °C, mm<sup>2</sup>/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/l ....0,843

Viscosity -35 °C, mPa.s...4940

Viscosity 40 °C, mm<sup>2</sup>/s ...44,00

Viscosity 100 °C, mm<sup>2</sup>/s ...8,60

Viscosity Index ....178

Flash Point COC, °C ....222

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, mm<sup>2</sup>/s....71,10

Viscosity 100 °C, mm<sup>2</sup>/s ...11,50

Viscosity Index ....156

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/l .....0,857  
Viscosity -25 °C, mPa.s..... 3360  
Viscosity 40 °C, mm<sup>2</sup>/s ....64,90  
Viscosity 100 °C, mm<sup>2</sup>/s....10,80  
Viscosity Index ....158  
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.s ....3710

Viscosity 40 °C, mm<sup>2</sup>/s ....101,60

Viscosity 100 °C, mm<sup>2</sup>/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, mm<sup>2</sup>/s ...158,40  
Viscosity 100 °C, mm<sup>2</sup>/s... 17,40  
Viscosity Index ....120  
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/l ....0,852

Viscosity -30 °C, mPa.s ...3940

Viscosity 40 °C, mm²/s ....48,00

Viscosity 100 °C, mm²/s ...8,80

Viscosity Index ....166

Flash Point COC, °C ...226

Pour Point, °C ...-36

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

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/l ....0,848

Viscosity -30 °C, mPa.s....6010

Viscosity 40 °C, mm<sup>2</sup>/s ....40,60

Viscosity 100 °C, mm<sup>2</sup>/s ...7,95

Viscosity Index ...172

Flash Point COC, °C ....228

Pour Point, °C ...-39

Total Base Number, mgKOH/g ....7,3

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.s ....4470

Viscosity 40 °C, mm<sup>2</sup>/s ....67,00

Viscosity 100 °C, mm<sup>2</sup>/s ...11,70

Viscosity Index ....171

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/l .....0,850

Viscosity -30 °C, mPa.s ....6000

Viscosity 40 °C, mm<sup>2</sup>/s ....72,60

Viscosity 100 °C, mm<sup>2</sup>/s ...12,30

Viscosity Index ....168

Flash Point COC, °C ....230

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/l .....0,853  
Viscosity 40 °C, mm<sup>2</sup>/s ....37,70  
Viscosity 100 °C, mm<sup>2</sup>/s ....7,60  
Viscosity Index ...175  
Flash Point COC, °C ....210  
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, mm<sup>2</sup>/s ....37,60  
Viscosity 100 °C, mm<sup>2</sup>/s ...7,60  
Viscosity Index ....176  
Flash Point COC, °C ....220  
Pour Point, °C ....-48  
Total Base Number, mgKOH/g ....5,8

## **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/l ....0,895  
Viscosity 40 °C, mm<sup>2</sup>/s ....149,00  
Viscosity 100 °C, mm<sup>2</sup>/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/l ....0,845

Viscosity 40 °C, mm<sup>2</sup>/s...35,40

Viscosity 100 °C, mm<sup>2</sup>/s ...7,30

Viscosity Index ....177

Flash Point COC, °C ....214

Pour Point, °C ....-48

Total Base Number, mgKOH/g ....3,6