



IPT International Petroleum Trading LTD  
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25335 Elmshorn  
Company registration number: HRB 13315 PI  
Sales tax identification number: DE313987910  
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product certificate

TIP-OIL SHPD 20W-50

Description of the

TIPP-OIL SHPD 20W-50 is a multigrade engine oil based on selected base oils and additives.

It can be used in petrol and diesel engines including turbo versions.

TIPP-OIL SHPD 20W-50 meets the requirements of SAE class 20W-50. A good lubricating film is guaranteed even at high temperatures.

Instructions for use

TIPP-OIL SHPD 20W-50 is particularly suitable for engines with already high mileages.

The operating instructions of the vehicle and engine manufacturers must be observed.

Quality Classification

specifications

ACEA A3/B4

ACEA E7

API SL/CF

Global DHD-1

JASO DH-1

API CI-4

TIPP-OIL SHPD 20W-50 is field-proven and tested in units with filling regulations:

Allison C-4



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Caterpillar ECF-1a/ECF-2

Cummins CES 20076/20077/20078

DDC 93K215

Deutz DQC III-10

MAN M 3275-1

MB 228.3/229.1

MTU Type 2

Renault VI RLD-2

Volvo VDS-3

Mack EO-M Plus

#### Features & Benefits

Very stable and excellent viscosity-temperature behaviour

High oxidation resistance

High safety reserves even under boundary lubrication conditions

Best suitability for difficult operating conditions

Very good cold start properties

Reduction of black sludge formation

Good shear stability

Suitable for catalytic converters



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Technical characteristics

Properties Data Unit Test according to

kinematic viscosity at 40°C 160.0 MM<sup>2</sup>/S DIN ISO 51562-2

kinematic viscosity at 100°C 18.5 MM<sup>2</sup>/S DIN ISO 51562-2

viscosity index 131 DIN ISO 2909

visual appearance YELLOWBROWN

density at 15°C 884 KG/M<sup>3</sup> DIN EN ISO 12185

Pour Point -36 CELSIUS ASTM D 7346

All data given are approximate values and are subject to the usual production fluctuations.

To the best of our knowledge, all data correspond to the current state of knowledge and our development. We reserve the right to make changes. All references to DIN standards are for product description purposes only and do not constitute a guarantee. In the event of any problems, request technical advice.

14.08.2018 02:00:09



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