



IPT International Petroleum Trading LTD
Robert-Bosch-Strasse 12
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product certificate

TIPP-OIL Low SAPS HD Premium 10W40

Description of the

TIPP-OIL Low SAPS HD Premium 10W-40 is a synthetic Fuel Economy Longlife engine oil for turbo diesel commercial vehicle engines.

TIPP-OIL Low SAPS HD Premium 10W-40 is characterized by increased oxidation and shear stability as well as improved air separation capability to meet and exceed the latest API CK-4 requirements.

TIPP-OIL Low SAPS HD Premium 10W-40 was specially developed for the latest generation of Euro IV, V and VI diesel engines with exhaust aftertreatment and soot particle filter. Extended oil change intervals according to manufacturer's instructions.

Instructions for use

TIPP-OIL Low SAPS HD Premium 10W-40 meets or exceeds the requirements of a wide range of industry and manufacturer specifications worldwide.

TIPP-OIL Low SAPS HD Premium 10W-40 is particularly suitable for use in mixed fleets with Euro 2, 3, 4, 5 and 6 and thus offers the optimum solution for grade reduction.

The operating instructions of the engine manufacturers must be observed.

Quality Classification

specifications

API CK-4/SN



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Recommendation

ACEA E6/E7/E9

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Deutz DQC IV-10 LA

Mack EOS-4.5

Renault VI RLD-4

Volvo VDS-4.5

MB release 228.51

TIPP-OIL Low SAPS HD Premium 10W-40 is field-proven and tested in units with filling regulations:

Caterpillar ECF-3

Cummins CES 20086/20081

MAN M 3477

MTU Type 3.1

DDC 93K222/93K218

Features & Benefits

Very stable and excellent viscosity behaviour and high shear stability

Fuel savings under all operating conditions

Maintains the efficiency of exhaust gas purification systems over a very long period of time

Performance losses caused by occupied diesel particulate filters are prevented and a higher



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Efficiency achieved

Low evaporation tendency, thus low oil consumption

Extended oil change intervals protect natural resources

Very good cold start properties

Low SAPS = Low sulfated ash, phosphorus and sulfur

Can also be used in many commercial vehicles without diesel particulate filters

Technical characteristics

Properties Data Unit Test according to

kinematic viscosity at 40°C 93.8 MM²/S DIN ISO 51562-2

kinematic viscosity at 100°C 14.5 MM²/S DIN ISO 51562-2

viscosity index 161 DIN ISO 2909

visual appearance YELLOWBROWN

density at 15°C 859 KG/M³ DIN EN ISO 12185

Pour Point -39 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.

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