



Highway SAE 10W-40

Multigrade engine oil

DESCRIPTION HARTOL Highway SAE 10W-40 is a universal multigrade, "Low SAPS" engine oil specially designed for heavily loaded diesel engines of trucks, off-road and agricultural machinery operating in difficult conditions. The oil is formulated with an approved blend of additives and base oils, specifically chosen to provide high-performance characteristics, ensuring the oil can endure demanding conditions.

APPLICATION HARTOL Highway SAE 10W-40 is recommended for year-round use in modern heavy-duty diesel engines found in trucks, off-road, and agricultural machinery, even in the most challenging operating conditions. It is recommended for all-season use in modern heavy-duty diesel engines of trucks, off-road and agricultural machinery, even under the most severe operating conditions. It is designed to be compatible with diesel engines meeting Euro 4, Euro 5, and Euro 6 environmental standards, whether equipped with diesel particulate filters and exhaust gas catalysts or not and using low-sulfur diesel fuel.

SPECIFICATIONS

- ACEA E6, E7, E8, E9, E11
- API CI-4
- JASO DH-2
- Cat ECF-1
- Cummins CES 20076/20077
- DAF Extended Drain
- Deutz DQC IV-18 LA
- DTFR 15C110
- Iveco 18-1804 TLS E9
- Mack EO-N
- MAN M 3477/M 3271-1/M 3271-3
- MB 228.51
- MTU Type 3.1
- Renault VI RLD-2/RXD/RGD
- Volvo VDS-3

TYPICAL PROPERTIES

- Density at 15 °C, kg/l 0,865
- Viscosity -20 °C, mPa.s 5900
- Viscosity 40 °C, mm²/s 97,50
- Viscosity 100 °C, mm²/s 14,70
- Viscosity Index 157
- Flash Point COC, °C 238
- Pour Point, °C -39
- Total Base Number, mgKOH/g 10,2
- Sulphate Ash, % 1,00