HARTOL



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

- lveco 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

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