



Engine Oil HDL 10W-30

Product Code: 78250

Semi Synthetic Heavy Duty Diesel Engine Oil

Engine Oil HDL 10W-30 is an high performance universal semi synthetic oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and is formulated for use in Euro-1, Euro-2 and Euro-3 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with particulate filters.

Engine Oil HDL 10W-30 is formulated on high refined solvent mineral and synthetic base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Not suitable for engine equipped with a Diesel Particulate Filter (DPF).

Engine Oil HDL 10W-30 meets the following performance criteria:

API CH-4
JASO DH-1

API SL
MTU Type 2

MB 228.3

MAN M 3275

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-30
Density @15°C	kg/m ³	ASTM D4052	865
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	66
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	10.3
Viscosity Index		ASTM D2270	144
Viscosity CCS @-25°C	cP	ASTM D5293	5800
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	10.6
Sulphated Ash	%Wt	ASTM D874	1.48

Date Issued: 03-03-2021	Supersedes: 02-05-2018	Revision Nr.: 03
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