



**Product Data Sheet**

**ENGINE OIL HD 20W-50**

**Product Description:**

**Engine Oil HD 20W-50** is a mineral based “High Performance Diesel” (HPD) engine oil providing good performance in high output , high speed, turbo charged engines operating under severe conditions.

**Engine Oil HD 20W-50** is formulated with high quality mineral base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Controlling deposits and viscosity increase
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.

**ENGINE OIL HD 20W-50** exceeds the following performance criteria:

<b>Approved</b>	MB 228.3	MAN M3275		
<b>Exceeds</b>	API: CG-4 MACK EO-L	ACEA E2 Allison C4	Volvo VDS	MTU Type 2

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J3000	20W-50
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	882
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	134
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	16.6
Viscosity Index		ASTM D2270	131
Viscosity CCS @-15°C, max	cP	ASTM D2270	6000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-24
Total Base Number	mgKOH/g	ASTM D2896	9.1
Sulphated Ash	%Wt	ASTM D874	1.27

Product Nr: 4260	Date Issued: 08-04-2015	Date Superseded: 31-05-2012	Revision nr: 04
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