



Product Data Sheet

ENGINE OIL HDX 20W-50

Product Description:

ENGINE OIL HDX 20W-50 is an extra high performance universal engine oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-3, Euro-4 and Euro-5 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with DPF filters.

ENGINE OIL HDX 20W-50 is formulated with high refined solvent mineral 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.
- Extended drain intervals.

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

Exceeds	MB 228.3 API CI-4 JASO DH-1 DAF HP-2 CAT ECF-2	MAN M 3275 ACEA E7 Allison C4 Cummins CES 2077/20078 Renault RLD-2	Volvo VDS-3 DDC 93K215 MTU Type 2	MACK EO-N Global DHD-1 Mack EO-M+ API SL
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Property	Unit	Test Method	Typical Value
SAE Grade		SAE J3000	20W-50
Density@15°C	kg/m ³	ASTM D4052	891
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	155
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	18.0
Viscosity Index		ASTM D2270	127
Viscosity CCS @-15°C, max	cP	ASTM D2270	9500
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-24
Total Base Number	mgKOH/g	ASTM D2896	10.7
Sulphated Ash	%Wt	ASTM D874	1.5

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