



# ENGINE OIL HDX

## 15W-40

### Product Description:

**ENGINE OIL HDX 15W-40** 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 15W-40** 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 15W-40** meets the following performance criteria:

<b>Approved</b>	<b>MB Approval 228.3</b>	<b>Volvo VDS-3</b>	<b>Renault RLD-2</b>	<b>MACK EO-N</b>
<b>Meets</b>	<b>API CI-4/ SL</b> <b>Global DHD-1</b> <b>CAT ECF-1a</b> <b>DDC 93K215</b>	<b>ACEA E7</b> <b>JASO DH-1</b> <b>CAT ECF-2</b>	<b>MAN M 3275</b> <b>Deutz DQC-III</b> <b>Cummins CES 2077/20078</b>	<b>MB 228.1</b> <b>MTU Type 2</b>



Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	15W-40
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	885
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	106
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	14.2
Viscosity Index		ASTM D2270	137
Viscosity CCS @-25°C, max	cP	ASTM D5293	6100
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-30
Total Base Number	mgKOH/g	ASTM D2896	11.2
Sulphated Ash	%Wt	ASTM D874	0.98

**Product Nr:** 42560  
**Date Superseded:** 19-1-2022

**Date Issued:** 08-08-2022  
**Revision nr:** 13