

## NORDIC TECHMASTER 15W/40 SHPD

### Synthetic MID SAPS Heavy Duty Diesel Engine Oil

**NORDIC TECHMASTER 15W/40 SHPD** is a fuel saving MID SAPS super high performance universal oil based on 100% synthetic technology 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-4, Euro-5 and Euro-6 engines equipped with a Diesel Particle Filter (DPF) and suited for diesel engines equipped with EGR and/or SCR after treatment system.

**NORDIC TECHMASTER 15W/40 SHPD** is formulated with high refined synthetic base stock in combination with an unique 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.
- Complies with strictest European emission regulation.

**NORDIC TECHMASTER 15W/40 SHPD** meets the following performance criteria:

<b>Meets:</b>	Volvo VDS 4.5 MB-228.31	Mack EOS-4.5	Renault VI RLD-3
	API CK-4 DFS 93K222 DQC III-10-LA Cummins CES 20086	API SN Ford M2C171-F1 MAN M3575	ACEA E7/E9 CAT ECF-3 MTU Cat 2.1

## Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	15W-40
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	865
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	102.4
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	14.8
Viscosity Index		ASTM D2270	150
Viscosity CCS @-20°, max.	cP	ASTM D5293	3800
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-33
Total Base Number	mgKOH/g	ASTM D2896	9.9
Sulphated Ash	%Wt	ASTM D874	1.00

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