

## TIDAL POWER HD 15W-40

### Mineral Heavy Duty Diesel Engine oil

**TIDAL POWER HD 15W-40** is a high performance universal mineral 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 a Diesel Particulate Filter (DPF).

**TIDAL POWER HD 15W-40** is formulated with high refined solvent base stocks 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).

**TIDAL POWER HD 15W-40** meets the following performance criteria:

API CG-4  
Volvo VDS

ACEA E2  
Renault RD

MB 228.1  
MTU Type 1

MAN M271

### Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	15W-40
Density @15°C	kg/m <sup>3</sup>	ASTM 4052	881
Kinematic Viscosity @ 40°C	mm <sup>2</sup> /s	ASTM D7042	101.9
Kinematic Viscosity @ 100°C	mm <sup>2</sup> /s	ASTM D7042	14.1
Viscosity Index		ASTM D2270	141
Viscosity CCS @ -20°C, max	cP	ASTM D5293	7000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	8.9
Sulphated Ash	%Wt	ASTM D874	1.26
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