

TIDAL POWER HD 20W-50

Mineral Heavy Duty Diesel Engine oil

TIDAL POWER HD 20W-50 is a 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-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 20W-50 is formulated with high refined solvent mineral base 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.

TIDAL POWER HD 20W-50 meets the following performance criteria:

API CG-4
Volvo VDS

ACEA E2
MTU Type 1

MB 228.1
Renault RD

MAN M 271

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	20W-50
Density @15°C	kg/m ³	ASTM 4052	879
Kinematic Viscosity @ 40°C	mm ² /s	ASTM D7042	146
Kinematic Viscosity @ 100°C	mm ² /s	ASTM D7042	18.2
Viscosity Index		ASTM D2270	139
Viscosity CCS @ -15°C, max.	cP	ASTM D5293	9500
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-31
Total Base Number	mgKOH/g	ASTM D2896	8.6
Sulphated Ash	%Wt	ASTM D874	1.26
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