

TIDAL POWER HDX 20W-50

Mineral Heavy Duty Diesel Engine oil

TIDAL POWER 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 a Diesel Particulate Filter (DPF).

TIDAL POWER HDX 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.
- Extended drain intervals.

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

API CI-4	API SL	MB 228.3	MAN M 3275
Volvo VDS-3	ACEA E7	Renault RLD-2	MAN EO-N
Deutz DQC-III	DDC 93K215	CAT ECF-1a	Global DHD-1
JASO DH-1	MTU Type 2	Cummins CES 20077/20078	

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	20W-50
Density @15°C	kg/m ³	ASTM 4052	880
Kinematic Viscosity @ 40°C	mm ² /s	ASTM D7042	141.5
Kinematic Viscosity @ 100°C	mm ² /s	ASTM D7042	17.9
Viscosity Index		ASTM D2270	141
Viscosity CCS @ -15°C, max.	cP	ASTM D5293	9500
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-35
Total Base Number	mgKOH/g	ASTM D2896	11.3
Sulphated Ash	%Wt	ASTM D874	1.5
Date Issued: 17-6-2021		Supersedes: 01-05-2018	Revision Nr.: 02

