

TIDAL POWER HDX 10W-40

Semi-Synthetic Heavy Duty Diesel Engine oil

TIDAL POWER HDX 10W-40 is an extra high performance universal engine oil de-signed 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 10W-40 is formulated with high refined solvent mineral and synthetic 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 10W-40 meets the following performance criteria:

Approved:	MB-approval 228.3	Volvo VDS-3	Renault RLD-2	Mack EO-N
Meets:	API CI-4	API SL	ACEA E7	ACEA A3/B4
	CAT ECF-1a, ECF-2	JASO DH-1	DCC 93K215	MTU Type 2
	Deutz DQC-III-10	Mack EO-M	Global DHD-1	MAN M 3275
	Cummins CES 20077, 20078			

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-40
Density @15 °C	kg/m ³	ASTM 4052	860
Kinematic Viscosity @ 40 °C	mm ² /s	ASTM D7042	91.6
Kinematic Viscosity @ 100 °C	mm ² /s	ASTM D7042	14.3
Viscosity Index		ASTM D2270	162
Viscosity CCS @ -25 °C, amx.	cP	ASTM D5293	7000
Flash Point COC	°C	ASTM D92	>200
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	11.8
Sulphated Ash	%Wt	ASTM D874	1.5
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