

TIDAL POWER HDX 10W-40

Semi-Synthetic Heavy Duty Diesel Engine Oil

Product Description:

TIDAL POWER HDX 10W-40 is a semi-synthetic "Super High Performance Diesel" (SHPD) engine oil providing superior performance and long service potential in high output, high speed turbo charged engines operating under severe conditions.

TIDAL POWER HDX 10W-40 has been formulated with carefully selected additives in synthetic and mineral base stocks to provide excellent detergency, dispersancy and anti wear performance. TIDAL POWER HDX 10W-40 is especially formulated to guarantee engine durability where Exhaust Gas Recirculation (EGR) is employed.

TIDAL POWER HDX 10W-40 exceeds the requirements of the major European heavy duty engine manufacturers for extended drain intervals and complies with the strictest European emission limits. TIDAL POWER HDX 10W-40 reduces piston deposits, protects against "Bore Polishing", reduces oil consumption and allows extended drain intervals.

TIDAL POWER HDX 10W-40 is recommended for low emission diesel engines using gas exhaust recirculation systems (EGR) meeting Euro IV emission specifications.

Specifications:

Exceeds: ACEA E7, API CI-4, MB 228.3, MAN M 3275, Scania LDF-2, MTU Oil Category 2, Cummins 20077/20078.

Approved by: Volvo VDS-3, Mack EO-N, Renault VI RLD-2 compliance.

Property:	Test Method:	Typical Values:
SAE Viscosity Grade	SAE J300	10W-40
Density @ 15°C	ASTM D4052	872 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	99 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042	14.1 mm ² /s
CCS Viscosity @ -25°C	ASTM D5293	<7000 cP
Viscosity Index	ASTM D2270	145
Flash Point	ASTM D92	220°C
Pour Point	ASTM D97	-30°C
Total Base Number (TBN)	ASTM D2896	9.7 mgKOH/g
Sulfated Ash	ASTM D874	<1.0 wt %