

TIDAL POWER HDX 15W-40

Mineral Heavy Duty Diesel Engine Oil

Product Description:

TIDAL POWER HDX 15W-40 is an "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 15W-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 15W-40 is especially formulated to guarantee engine durability where Exhaust Gas Recirculation (EGR) is employed.

TIDAL POWER HDX 15W-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 15W-40 reduces piston deposits, protects against "Bore Polishing", reduces oil consumption and allows extended drain intervals.

TIDAL POWER HDX 15W-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 20076/77/78, Deutz DQC III, Caterpillar ECF 1a.

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

Property:	Test Method:	Typical Values:
SAE Viscosity Grade	SAE J300	15W-40
Density @ 15°C	ASTM D4052	881 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	106 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042	14.5 mm ² /s
CCS Viscosity @ -20°C	ASTM D5293	<7000 cP
Viscosity Index	ASTM D2270	140
Flash Point	ASTM D92	225°C
Pour Point	ASTM D97	-24°C
Total Base Number (TBN)	ASTM D2896	10.5 mgKOH/g
Sulfated Ash	ASTM D874	1.5 wt %