

## TIDAL POWER HD 15W-40

### Mineral Heavy Duty Diesel Engine Oil

#### Product Description:

TIDAL POWER HD 15W-40 is a mineral based "High Performance Diesel" (HPD) engine oil providing good performance in high output, high speed, turbo charged engines operating under severe conditions.

TIDAL POWER HD 15W-40 has been formulated with carefully selected additives in mineral base stocks, to provide excellent detergency, dispersancy and anti wear performance.

TIDAL POWER HD 15W-40 has excellent thermo-oxidative stability, controlling deposits and viscosity increase. Excellent soot handling controls soot induced oil thickening and effectively prevents wear.

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

TIDAL POWER HD 15W-40 is recommended for turbo charged and naturally aspirated diesel engines such as used in on highway light and heavy duty trucking, construction, mining, agriculture and other off highway applications.

#### Specifications:

Exceeds: ACEA E2/A3/B3/B4, API CG-4/CF/SL, MB 228.3/229.1, MAN 271, Volvo VDS, Mack EO-L, MTU Type 2

Property:	Test Method:	Typical Values:
SAE Viscosity Grade	SAE J300	15W-40
Kinematic Viscosity @ 40°C	ASTM D7042	106 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	14.5 mm <sup>2</sup> /s
Cranking Viscosity @ -20°C	ASTM D5293	<7000 mPa.s
Viscosity Index	ASTM D2270	135
Density @ 15°C	ASTM D4052	885 kg/m <sup>3</sup>
Flash Point (COC)	ASTM D92	220°C
Pour Point	ASTM D97	-27°C
Total Base Number	ASTM D2896	9.2 mg KOH/g
Sulphated Ash	ASTM D874	1.3 wt%