

## Turbo D-Zel SHPD

### High Performance Premium Diesel Engine Oil

### Technical Data Sheet

#### Product Description

Turbo D-Zel SHPD is high performance diesel engine oil formulated from highly refined quality bases oils and specially selected additives. It provides maximum protection to modern generation turbocharged/supercharged automobile, heavy duty industrial and Off-Highway diesel engines. It can also be used for vehicles with petrol engines.

#### Performance Specification

Turbo D-Zel SHPD meets or exceeds the following performance requirements:

• API License CI-4/SL	• ACEA E7-16	• MB-Approval 228.3
• Volvo VDS-3 Approval	• Renault Truck RLD-2 Approval	• Mack EO-N Approval
• MAN 3275	• Caterpillar ECF-2 & ECF-1a	• Cummins CES 20078/20077
• MTU 2.0	• JASO DH-1	• Deutz DQC-III & II
• Detroit Diesel DDC 93K215	• Global DHD-1	• Mack EO-M+

#### Features/Benefits

- SAE 15W-40
- Suitable for use in diesel engines requiring API CI-4 & petrol engine requiring API SL lubricant performance.
- Blended to ensure fuel efficiency, reduced wear and low emissions
- High Viscosity Index Oil retains outstanding fluidity at low temperature (sub-zero) and high viscosity at high operating temperatures to completely eliminate metal to metal contact over wide operating conditions.
- Processed from premium quality virgin base oils and performance additives.
- Excellent thermal and oxidation stability.

#### Typical Properties

Test Parameters	ASTM Method	Typical Values SAE 15W-40
Density @ 15.6 <sup>0</sup> C, Kg/L	D1298	0.87
Kinematic Viscosity at 100 <sup>0</sup> C, cSt	D445	14.85
Viscosity Index	D2270	140
Total Base Number mg KOH/gm	D2896	11
Pour Point <sup>0</sup> C	D97	-33
Flash Point (COC), <sup>0</sup> C	D92	220

Properties mentioned above are typical only, and minor variations which do not affect the product performances, are to be expected in normal manufacturing.

### UNIVERSAL PROJECTS FACTORY FOR PETROLEUM PRODUCTS