



PRODUCT DESCRIPTION

PSO DEO 8000 is an advance heavy duty diesel engine oil formulated with a hydro-treated base oil and a super high performance diesel additive package to provide excellent deposit control to maintain engine power over a longer drain interval.

APPLICATIONS

- PSO DEO 8000 is recommended for 4-stroke heavy duty diesel engines meeting the 2004 exhaust standard.
- Recommended for vehicles which have Exhaust Gas Recirculation (EGR) fitted to give improved engine durability.
- Commercial transport.
- Equally suitable for off-highway vehicles such as vehicles used in construction, quarry and agriculture to carry heavy load and harsh conditions.
- Stationary engines.

PERFORMANCE STANDARDS

Superior additive technology used in formulation of PSO DEO 8000 endorses the following performance standards:

API CI-4/SL	ACEA E7-16
MB 228.3	VOLVO VDS-3
RENAULT RLD-2	MACK EO-N
MAN M3275-1	CUMMINS CES 20078/77

BENEFITS

- **Maintains engine power & performance**

Additive technology used in product formulation has excellent detergency to control deposits on engine parts even at high temperature to maintain power and performance over a longer oil drain interval.

- **Outstanding wear protection**

Superior anti-wear characteristics of the additive system gives outstanding protection against wear of engine components. Chances of wear at start-up and at high temperatures are addressed by the balanced multi-grade viscosity.

- **Longer oil drains in harsh conditions**

The outstanding anti-oxidant property of the additive system resists sludge formation, maintains oil viscosity over a longer period of time and gives additional life to oil in all environmental conditions.

- **Outstanding soot dispersants**

Very effective detergent keeps insoluble contaminants suspended in the oil and enhances engine life.

PRODUCT CHARACTERISTICS*

PROPERTIES	METHOD	TYPICAL RESULTS	
		15W-40	20W-50
Density @ 15 °C, Kg/liter	ASTM D-4052	0.8708	0.8799
Kinematic Viscosity @ 100 °C, cSt	ASTM D-445	15.52	19.7
Kinematic Viscosity @ 40 °C, cSt	ASTM D-445	115.9	173.8
Viscosity Index	ASTM D-2270	141	129
Flash Point (COC), °C	ASTM D-92	210	229
Pour Point, °C	ASTM D-97	-27	-21
Total Base Number, mg KOH/g	ASTM D-2896	10.3	10.3

* These typical characteristics mentioned are based on current mean values.



HEALTH & SAFETY

Guidelines for health, safety and handling are available in Material Safety Data Sheet of the product which can be obtained from PSO representative.



ENVIRONMENT PROTECTION

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.



ADVICE

Advice on application not covered in this leaflet, may be obtained from PSO representative.