

**PRODUCT DESCRIPTION**

PSO DEO 3000 diesel engine oil series is formulated for the lubrication of engines used in general transport for carrying heavy goods, earth-moving, quarrying, construction equipment and agricultural machinery as well as for stationary diesel engines where API CD/SE performance is recommended. These high detergency lubricants are manufactured with high quality refined base oils and a superior-performance additive package to meet stringent requirements of diesel engines.

**APPLICATIONS**

- Beneficial for automobiles fleet operating on diesel fuel.
- Heavy duty vehicles in general transport.
- Construction and earthmoving equipment.
- Light trucks, mini buses & agricultural equipment having diesel engines.
- Older models diesel engine passenger cars.

**PERFORMANCE STANDARD**

Superior additive technology used in formulation of PSO DEO 3000 endorses the following performance standard:

API CD/SE

**BENEFITS**

- Formulated for diesel engines operating under the most demanding conditions.
- Additional engine protection and performance.
- Keeps the engine clean and extends engine service life.
- Protects against soot, varnish, sludge formation and corrosion.
- Improved protection against high-temperature, especially in hot and dusty climate.

**PRODUCT CHARACTERISTICS\***

PROPERTIES	METHOD	TYPICAL RESULTS						
		10W	20W	30	40	50	15W-40	20W-50
Density @ 15 °C, Kg/liter	ASTM D-4052	0.8877	0.8930	0.8973	0.9016	0.904	0.8903	0.8964
Kinematic Viscosity @100 °C, cSt	ASTM D-445	6.6	8.3	10.7	14.7	19.6	14.3	19.6
Kinematic Viscosity @ 40 °C, cSt	ASTM D-445	42.6	61.2	90.3	146.6	225.3	105.2	175
Viscosity Index	ASTM D-2270	106	105	101	99	99	139	128
Flash Point (COC), °C	ASTM D-92	210	218	240	244	246	220	230
Pour Point, °C	ASTM D-97	-30	-24	-18	-12	-6	-24	-21
Total Base Number, mg KOH/g	ASTM D-2896	9.5	9.4	9.4	9.5	9.4	9.3	9.4

\* 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.