



DEO 3000

Diesel Engine Oil

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.

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.

Applications

- Heavy goods vehicles in general transport.
- Construction and earth-moving equipment.
- Heavy duty mobile plant vehicle.
- Light trucks, mini buses and agricultural equipment.
- Stationary & mobile diesel generators.

Performance Standard

- API CD/SE

Typical Characteristics*

PROPERTIES	METHOD	TYPICAL RESULTS						
		10W	20W	30	40	50	15W-40	20W-50
Density @ 15 °C, Kg/liter	ASTM D-4052	0.8884	0.8933	0.8971	0.9071	0.9068	0.8861	0.8965
K. Viscosity @ 100 °C, cSt	ASTM D-445	6.39	8.20	10.66	14.32	19.57	14.49	19.74
K. Viscosity @ 40 °C, cSt	ASTM D-445	39.10	60.10	91.01	141.3	224.5	103.3	176.6
Viscosity Index	ASTM D-2270	113	104	100	99	99	144	129
Flash Point (COC), °C	ASTM D-92	212	212	228	234	238	210	234
Pour Point, °C	ASTM D-97	-27	-24	-15	-12	-6	-24	-21
Total Base Number, mg KOH/g	ASTM D-2896	9.5	9.5	9.5	9.5	9.5	9.5	9.5

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

Based on available information, this product does not contain any component that may produce any significant hazard to health when used for the recommended application. Guidelines for health and safety are available in Material Safety Data Sheet of the product. Dispose of used oil, containers, cartons labels in an environment friendly manner. Do not discharge used oil into drain, soil or water. Advice on application not covered in this leaflet, may be obtained from lubricants.technical@psopk.com