



PSO DEO 3000 diesel engine oil series, specially formulated for engines in general transport, carrying heavy goods, earth-moving, quarrying, construction equipment, agricultural machinery, and stationary diesel engines where API CF/SF performance is recommended. These high detergency lubricants are created with high-quality refined base oils and an advanced additive package to meet the strict requirements of diesel engines.

Benefits

- Tailored for diesel engines that operate under the most demanding conditions.
- Provides additional engine protection and boosts overall performance.
- Ensures engine cleanliness that extends service life of engine.
- Guards against soot, varnish, sludge formation, and corrosion.
- Offers enhanced protection against high temperatures, especially in hot and dusty climates.

Applications

- Versatile usage for heavy goods vehicles in general transport.
- Suitable for construction and earth-moving equipment.
- Ideal for heavy-duty mobile plant vehicles.
- Well-suited for light trucks, mini-buses, and agricultural equipment.
- Applicable to both stationary and mobile diesel generators.

Performance Standard

- API CF/SF

Typical Characteristics*

PROPERTIES	METHODS	TYPICAL RESULTS						
		10W	20W	30	40	50	15W-40	20W-50
		SAE						
Density @ 15 °C, kg/L	ASTM D-4052	0.89	0.89	0.90	0.91	0.91	0.89	0.90
Kinematic Viscosity @ 100 °C, cSt	ASTM D-445	6.39	8.20	10.66	14.32	19.57	14.49	19.74
Kinematic Viscosity @ 40 °C, cSt	ASTM D-445	39.10	60.10	91.0	141.3	224.3	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