DEO 5000

Extra Protection for Diesel Engines

PSO DEO 5000, a series of mono and multi-grade diesel engine oils specially formulated to lubricate engines used in general transport for heavy goods, earth-moving, quarrying, and construction equipment. Additionally, it proves ideal for stationary diesel engines that demand API CF performance.

Benefits

- Cost-effective diesel engine oil with outstanding all-round performance.
- Tailored for light turbocharged vehicles, ensuring efficiency at its best.
- Remarkable oxidation resistance extends oil drain interval.
- Promotes engine cleanliness through unique detergent/dispersant properties.
- Effectively shield against corrosion, ensuring extended engine service life.

Applications

- Versatility for use in general transport heavy goods vehicles.
- 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					
SAE		10W	20W	30	40	50	20W-50
Density @ 15 °C, kg/L	ASTM D-4052	0.89	0.89	0.90	0.90	0.91	0.90
Kinematic Viscosity @ 100 °C, cSt	ASTM D-445	6.52	8.20	10.63	14.35	19.53	19.66
Kinematic Viscosity @ 40 °C, cSt	ASTM D-445	39.9	60.2	89.3	140.4	221.7	175.60
Viscosity Index	ASTM D-2270	115	104	102	100	100	129
Flash Point (COC), °C	ASTM D-92	206	214	224	232	238	234
Pour Point, °C	ASTM D-97	-27	-27	-15	-12	-6	-21
Total Base Number, mg KOH/g	ASTM D-2896	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

PSO House, Khayaban-e-Iqbal, Clifton, Karachi – 75600 – Pakistan
Telephone: (92-21) 920 3866-90 Website: www.psopk.com