



PAKISTAN STATE OIL

PSO DEO 5000

Extra protection for diesel engines

PRODUCT DESCRIPTION

PSO DEO 5000 - mono & multi-grade diesel engine oil series is especially formulated to lubricate engines used in general transport to carry heavy goods, earth moving, quarrying and construction equipment, as well as for stationary diesel engines where API CF performance is required.

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

Superior additive technology used in formulation of PSO DEO 5000 endorses the following performance standard:

API CF/SF

BENEFITS

- Cost-effective diesel engine oil with good all-round performance.
- Suitable for use in light turbo-charged vehicles.
- Excellent resistance against oxidation.
- Good engine cleanliness with special detergent/dispersant properties.
- Good resistance against corrosion.

PRODUCT CHARACTERISTICS*

PROPERTIES	METHOD	TYPICAL RESULTS					
		10W	20W	30	40	50	20W-50
Density @ 15 °C, Kg/liter	ASTM D-4052	0.8877	0.8930	0.8973	0.9016	0.9043	0.8958
Kinematic Viscosity @100 °C, cSt	ASTM D-445	6.6	8.3	10.7	14.7	19.6	19.6
Kinematic Viscosity @40 °C, cSt	ASTM D-445	42.7	61	90.3	146.6	225.3	173.6
Viscosity Index	ASTM D-2270	106	105	101	99	99	130
Flash Point (COC), °C	ASTM D-92	210	218	240	244	246	236
Pour Point, °C	ASTM D-97	-30	-24	-18	-12	-6	-21
Total Base Number, mgKOH/g	ASTM D-2896	9.5	9.5	9.4	9.5	9.4	9.3

* 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.