PAKISTAN STATE OIL

PSO DEO 5000

Extra Protection for Diesel Engines

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

PSO DEO 5000 - mono & multi-grade diesel engine oil is especially formulated to lubricate vehicles 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 earthmoving equipment.
- Heavy duty mobile plant vehicle.
- Light trucks with diesel or gasoline engines.
- Stationary & mobile diesel generator sets.

PERFORMANCE STANDARDS

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

API CF/SF

BENEFITS

PSO DEO 5000 provides the following benefits:

- Cost effective 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	ASTM D-4052	0.8912	0.8915	0.8961	0.9006	0.9029	0.8952
Kinematic Viscosity @100°C, cSt	ASTM D-445	6.64	8.2	10.61	14.61	19.95	19.47
Kinematic Viscosity @40°C, cSt	ASTM D-445	43.1	60	91.1	146	230.5	176.6
Viscosity Index	ASTM D-2270	104	104	98	96	98	124
Flash Point (COC), °C	ASTM D-92	204	212	230	236	242	230
Pour Point, °C	ASTM D-97	-24	-24	-18	-12	-6	-18
Total Base Number, mgKOH/g	ASTM D-2896	9.1	9.1	9.1	9	9.1	9.12

** 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.

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