



PRODUCT DESCRIPTION

PSO Gearled EP series is a premium quality lead-free extreme pressure gear oil developed for industrial gear lubrication. The oil is formulated with high quality mineral oils and additives containing Sulphur-phosphorus compounds to impart anti-wear and extreme pressure properties. PSO GEARLED EP exhibits improved thermal stability and resistance against oxidation over conventional additive technology.

APPLICATIONS

- Primarily intended for enclosed gears operating under severe service conditions.
- Recommended for gear boxes in heavy industries such as steel mills, sugar mills and, cement plants, etc.
- Suitable for lubrication of bearings and other components in circulating and splash-lubricated systems.

PERFORMANCE STANDARDS

Superior additive technology used in formulation of PSO Gearled EP endorses the following performance standards:

AGMA 9005-E02

DIN 51517 Part 3

US Steel 224

David Brown S1.53101 (5E)

BENEFITS

- Excellent anti-wear capability.
- Outstanding extreme pressure property.
- Excellent anti-foam characteristics.
- Good demulsibility.
- Rust and corrosion protection.

PRODUCT CHARACTERISTICS*

PROPERTIES	METHOD	TYPICAL RESULTS						
		68	100	150	220	320	460	680
Density @ 15 °C, Kg/liter	ASTM D-4052	0.8901	0.8954	0.8984	0.8989	0.9046	0.9080	0.9318
Kinematic Viscosity @ 40 °C	ASTM D-445	68	100	150	220	320	460	680
Kinematic Viscosity @ 100 °C	ASTM D-445	8.6	11.3	14.9	19.2	24.6	31.5	36.0
Viscosity Index	ASTM D-2270	99	98	98	98	98	98	87
Flash Point (COC), °C	ASTM D-92	212	220	224	226	232	242	244
Pour Point, °C	ASTM D-97	-21	-18	-18	-12	-12	-12	-9

* 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.