

Oculus Gear Oil EP 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. Oculus Gear Oil EP exhibits improved thermal stability and resistance against oxidation over conventional additive technology.

BENEFITS

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

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

- AGMA 9005-F-16 (AS)
- DIN 51517 Part 3
- AIST 224 (US Steel 224)
- David Brown S1.53101 (5E)
- ISO 12925-1 CKC/CKD

TYPICAL CHARACTERISTICS*

PROPERTIES	METHODS	TYPICAL RESULTS						
		68	100	150	220	320	460	
Density @ 15 oC, kg/L	ASTM D-1298	0.8903	0.8958	0.8971	0.9023	0.9049	0.9088	0
K. Viscosity @ 40oC, cSt	ASTM D-445	66.96	98.97	149.40	222.40	319.70	459.70	6
K. Viscosity @ 100oC, cSt	ASTM D-445	8.61	11.18	14.80	19.30	24.50	31.21	3
Viscosity Index	ASTM D-2270	99	98	98	98	98	98	
Flash Point (COC), oC	ASTM D-92	212	214	218	222	226	230	
Pour Point, oC	ASTM D-97	-21	-18	-18	-15	-12	-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 Oculus Lubricant 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 Oculus Lubricant representative.