



Product Information

GEAR OIL EP

Premium, extreme pressure industrial gear oils, manufactured from highly refined base oils and selected sulphur-phosphorus extreme pressure and anti-wear additives.

Penrite Gear Oil EP meets the requirements of API GL-3.

APPLICATION

Designed for use in industrial gear boxes including in crushers, hoists, conveyors, winches, machine tools and lathes.

They can also be used in chain drives, sprockets, plain and anti-friction bearings and slide guides.

BENEFITS

- Compatible with copper alloy components
- Protects against rust and corrosion
- Minimises wear by using effective extreme pressure additives.
- Good oxidation and thermal stability for long life.
- Minimises foaming
- Excellent demulsibility

INDUSTRY SPECIFICATIONS

Penrite Gear Oil EP meets the performance requirements of:

API GL-3 AGMA 250.04
AGMA 2005-D94 Cincinnati Milacron
US Steel 224
Clean Panel Coker and S-200 Oxidation Tubes

Typical Properties

Density at 15°C, kg/L	150	220	320	460	680
Viscosity, Kinematic, cSt	0.868	0.871	0.873	0.875	0.883
at 40°C	156	227	322	471	658
at 100°C	15.2	19.4	25.1	32.0	53.5
Viscosity Index	98	96	95	96	141
Copper Corrosion, 3 hrs at 150°C	1b	1b	1a	1a	1a
Phosphorus, mass %	0.023	0.023	0.023	0.023	0.023
AGMA	4EP	5EP	6EP	7EP	8EP

ENVIRONMENT, HEALTH AND SAFETY

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.

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