



# GEAR OIL EP

*Codes: GO150020, GO150205, GO220020, GO220205, GO320020, GO320205, GO460020, GO460205, GO680020, GO680205*

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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.

### Customer 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 US Steel 224	AGMA 250.04 Clean Panel Coker and S-200 Oxidation Tubes	AGMA 2005-D94	Cincinnati Milacron
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### Typical Data

ISO Grade	150	220	320	460	680
Density at 15oC, kg/L	0.868	0.871	0.873	0.875	0.883
Viscosity, Kinematic, cSt					
at 40oC	156	227	322	471	658
at 100oC	15.1	19.4	25.1	32.0	53.5
Viscosity Index	98	96	95	96	141
Phosphorus, mass %	0.023	0.023	0.023	0.023	0.023
Copper Corrosion, 3 hour at 150oC	1b	1b	1b	1b	1b
AGMA	4EP	5EP	6EP	7EP	8EP

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Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. A MSDS is available on request.

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