



MAG 1[®] EP 220 INDUSTRIAL GEAR OIL

INDUSTRIAL GEAR OILS INDUSTRIAL LUBRICANTS AND GEAR OILS



Featuring MAG 1[®] with FMX[®] Technology – Friction Management for Xtreme protection™. MAG 1[®] provides unsurpassed protection and performance.

MAG 1[®] EP 220 Industrial Gear Oils are engineered for use in systems that require industrial gear lubricants with excellent protection technology to handle increasing power density and risk of micropitting, extend drain interval and reduce operating and manpower costs. Our Industrial Gear Oils are designed to provide outstanding performance.

Recommended for lubrication of spur, helical, bevel, and worm gear configurations subject to heavy or shock loading in industrial equipment. Performs well at high temperatures and in the presence of water, which can often affect normal operations.

These gear oils help:

- Build a barrier.
- Lower friction.
- Reduce wear.
- Control costs.

POWERFUL ANTI-FRICTION, ANTI-WEAR CHEMISTRY

MAG 1[®] provides outstanding control of friction and wear. Advanced molecules bond together to create a wear-resistant shield that works to build barriers that reduce friction and wear.

WITHSTANDS THE MOST EXTREME CONDITIONS

MAG 1[®] Gear Oils provide unsurpassed protection even in the harshest conditions of hot and cold climates, pressure, power density, micropitting or oxidation, shrinking sump sizes or separation of air and water.

EVOLUTIONARY PERFORMANCE™

OEMs continue to evolve equipment designs and operating conditions are becoming more severe. Today's Industrial Gear Oils need to build barriers and lower friction even at higher power densities in gearboxes that are getting smaller in size, while maintaining or growing output and performance. One brand has evolved right alongside today's equipment – MAG 1[®]. Only the most advanced driveline gear oils meet the difficult challenges of effectively balancing performance, strength and durability.

MAG 1 Industrial Gear Oils are specially engineered and formulated to provide:

PERFORMANCE

- Build barriers and lower friction.

STRENGTH

- Outstanding wear protection.

DURABILITY

- Long oil life and equipment protection.

INDUSTRY/OEM SPECIFICATIONS

ISO 12925-1 type CKC	Meets Requirements
AGMA 9005 D-94, 250.04, 251.02	Suitable for Use
API GL-2	Suitable for Use
Cincinnati Machine/Milacron	Suitable for Use
U.S. Steel 224	Suitable for Use

TYPICAL PROPERTIES

Color	ASTM D1500	7.5
Gravity, °API	ASTM D287	27.83
Phosphorus, wt. %	ASTM D5185	0.013
Pour Point °C (°F)	ASTM D5950	-24°C (-11°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8881
Sulfur, wt. %	ASTM D4951	0.336
Viscosity @ 100°C cSt	ASTM D445	19.88
Viscosity @ 40°C cSt	ASTM D445	217.9
Viscosity Index	ASTM D2270	105

CONTAINER/BULK AVAILABILITY

55 Gallon Drum	Product Number - 62867
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Available in Bulk

Information accurate as of April 4, 2024