

## Product Description

D-A GearTec<sup>™</sup> MGO is a premium emulsifiable, industrial, extreme pressure gear oil. Designed with specialized additives, GearTec<sup>™</sup> MGO provides protection to industrial gear systems operating in extremely wet environments. The specialized emulsifiers are very shear stable and form stable emulsions. Along with the emulsifier package, it contains a balance of extreme pressure and anti-wear additives. Oxidation, corrosion, rust and foam inhibitors are also blended into the final product. The high film strength and load carrying capacity provide gear teeth protection from wear, all types of surface stress and premature failure.

D-A GearTec<sup>™</sup> MGO is well suited for use in enclosed gear systems operating under heavy shock loading. It also supports the performance requirements for the lubrication of crawler drives and cutter head gears of continuous mining machines; in plain and anti-friction bearing, chassis drives/slides, spur, herringbone, bevel and worm gears in mill, mining and mobile equipment calling for AGMA EP type lubricants.

## PRODUCT AT A GLANCE

- EP Gear Lubricant
- Water Emulsifier
- Enclosed Systems with Heavy Shock Loading
- Oxidation Inhibitors

## Product Features and Benefits

Additive package tailored specifically to manage the harsh conditions found in the mining industry.

Contains a water emulsifier to promote continuous lubrication even with a wet environment.

High VI, quality paraffinic base stocks extend the life of the oil.



**D-A Lubricant Company, Inc.**

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### Typical Applications:

Supports the performance requirements of:

- Crawler drives and cutter head gears of continuous mining machines;
- Plain and anti-friction bearing,
- Chassis drives/slides,
- Spur, herringbone, bevel and worm gears in mill, mining and mobile equipment calling for AGMA EP type lubricants.

AGMA 9005-D94

Cincinnati Milacron

US Steel 224: all grades

### Typical Properties

ISO Viscosity Grade	ASTM D422	220	320	460
AGMA Lubricant Number	AGMA	5EP	6EP	7EP
Viscosity				
@ 100°C, cSt	ASTM D445	19.2	24.9	31.9
@ 40°C, cSt	ASTM D445	215	317	460
Viscosity Index	ASTM D2270	100	100	100
Phosphorus, ppm	ASTM D6593	340	340	340
Flash Point, °F	ASTM D92	490	500	525
Pour Point, °C	ASTM D6749	-22	-20	-10
4 Ball Wear Index, kg	ASTM D2783	59	59	59
4 Ball Weld Point, kg	ASTM D2783	315	315	315
FZG, Pass Load Stage	ASTM D5182	12 +	12 +	12 +
Rust Protection	ASTM D665	Pass	Pass	Pass
Copper Corrosion	ASTM D130	1b	1b	1b
Foam, ml	ASTM D892	10/0, 10/0, 10/0	10/0, 10/0, 10/0	10/0, 10/0, 10/0
D-A Part Number	35 lb Metal Pail	13159LB	13169LB	13189LB



To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823) or Fax orders to 765-482-3065

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