

GearTec MGO FS™



Product Description

D-A **GearTec MGO FS™** is a full synthetic, premium, industrial, extreme pressure gear lubricant, formulated with a combination of Polyalphaolefin (PAO) and Polyolester (POE).

D-A **GearTec MGO FS™** provides good oxidation resistance, easier cold temperature starting, excellent managed heat distribution and lower internal operating temperatures. Designed with specialized additives, D-A **GearTec MGO FS™** provides protection to industrial gear systems by offering 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. When monitored, D-A **GearTec MGO FS™** can offer extended drain intervals.

D-A **GearTec MGO FS™** 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 Features and Benefits

Designed with a combination of PAO and POE base stock.

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

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.

US Steel 224: all grades

Typical Properties

ISO Viscosity Grade	Test Method	220	320
AGMA Viscosity Grade		5EP	6EP
Viscosity @ 100°C, cSt	ASTM D445	31	41
@ 40°C, cSt	ASTM D445	212	310
Viscosity Index	ASTM D2270	180	184
Pour Point, °F (°C)	ASTM D97	-44 (-42)	-35 (-37)
Flash Point, °F (°C)	ASTM D92	482 (250)	482 (250)
API Gravity	ASTM D4052	34.5	33.8
FZG Test, Pass Stage	ASTM D5182	12+	12+
Copper Strip Corrosion	ASTM D130	1b	1b
Rust Test	ASTM D665	Pass	Pass

D-A Part Number:

Bulk

13561

13571

Pail (Metal) – 35 lb

13569LB

13579LB