

FALK GMAX™ GEAR DRIVE LUBRICANTS

Superior wear protection with extended operating life



From the World Leader in heavy duty gearing comes the World-Leading heavy duty lubricant

Horsepower, Heat, Moisture, and abrasive contamination are constantly working to break down your gear drive lubricant. With Falk GMax 6000, you don't have to worry! At Rexnord, we manufacture the highest quality gear drives in the world! How fitting then that we have the highest quality gear drive lubricant in the world! GMax 6000 is designed to provide **superior wear protection** in the most demanding gear drive applications.

GMax 6000 is a Polyalkylene Glycol based lubricant or PAG. PAG synthetics have exemplary lubricating properties over traditional Polyalphaolefin or PAO Synthetics and mineral oils. The viscosity index of PAG lubricants is double that of PAO lubricants. This means that a PAG will perform much better over the range of operating temperatures experienced by an industrial gear drive.

In addition, PAG synthetics have vastly **superior friction characteristics** compared to traditional PAO synthetics. Because of this, GMax 6000 will significantly lower the operating temperatures of the gearbox, thus resulting in a more efficient gear drive!



GMax 6000 is water soluble, therefore it does not separate from water. GMax 6000 also contains special corrosion prevention additives so it can handle the water. GMax 6000 has superior thermal and oxidation stability that reduces deposit buildup and sludge formation over competing PAO synthetic lubricants.

GMax 6000 provides greater gearing protection in the harshest of operating environments. Due to the performance characteristics of GMax 6000, you can significantly extend the operating life of your lubricant to 15,000 hours from the normal

2500. This means reduced down time and cost over the life of your gear drives!

GMax 6000 is safe to use in most of the gear drives in your facility, be they worm gear drives, or helical gear drives. This will allow you to reduce the variety of lubricant products in your inventory!



6000?

**Why should I
purchase GMax™**

Why purchase GMax? - because GMax 6000 allows for extended change intervals and prevents the need for seasonal lubricant changes, thus significantly reducing the overall operating costs of your operation. Example: A Falk 485 A+Plus drive contains about 60 gallons of lubricant per change. Operating this gear drive under normal conditions with a premium R&O lubricant would result in about 3 lubricant changes per year, costing about 2000 dollars. With GMax 6000, this interval goes from 3 changes per year to once every two years! This represents a savings of 300 gallons of lubricant and over 2000 dollars! Reducing lubricant change intervals translates into additional cost savings with less maintenance and lower disposal costs!



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