



PAG GEARBOX GREASE

(A Soft Synthetic Gear Box Grease)

PAG GEARBOX GREASE is a high performance, thixotropic, extreme pressure synthetic grease with a number of distinct advantages as compared to conventional mineral oil greases. The lithium 12-hydroxy stearate thickener in a polyglycol base fluid produces excellent water resistance and a useful temperature range. The grease is also more biodegradable than most mineral or synthetic hydrocarbon greases. **PAG GREASE** is suitable for service use at -30 to +280 F.

PAG GEARBOX GREASE has high lubricity and contains extreme pressure and antiwear additives. This combination of additives in this 200 VI polyglycol base fluid produces a high load carrying ability for this grease with low friction and low wear. In addition, oxidation inhibitors are employed to provide a long service life at elevated temperatures and to reduce deposits. Rust and corrosion inhibitors protect metal parts in areas where corrosive chemicals and salt water are present.

PAG GEARBOX GREASE is proven to reduce wear, extend equipment life; lower maintenance cost. If this product is replacing a hydrocarbon-based gear lubricant, then the gearbox must be drained and cleaned since this product is incompatible with mineral oil lubricants. If it is replacing a fluid polyglycol gear lubricant, then the fluid should be drained before adding this grease.

If this water-insoluble product accidentally leaks into waterways it will not float or produce sheen. It is also more biodegradable than traditional hydrocarbon-based greases. Its biodegradability rating is moderate to good by using standard biodegradable test methods.

BENEFITS:

- EXCELLENT LUBRICITY
- CAPABLE OF WITHSTANDING HEAVY SHOCK LOADS
- REDUCES LEAKS IN GEARBOX SEALS
- WIDE TEMPERATURE RANGE
- NO-SHEEN GREASE

APPLICATIONS:

PAG GEARBOX GREASE can be used in a wide range of temperatures (from -30 F to 280 F). It is recommended for applications where hydrocarbon lubricants are prohibited.

PAG GEARBOX GREASE is recommended for underground or above ground mining as well as the off road industry where debris has damaged gear box seals and seal repair is not cost effective.

It is recommended for steel on steel gears which have shock loading and it is ideal for worm gears in many industrial applications such as paper mills, cement plants, metalworking shops, power plants, chemical manufacturing facilities, textile mills, plastics plants, food processors, sawmills, foundries, wastewater treatment plants and steel mills.



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TYPICAL CHARACTERISTICS

Product Code	NA
NLGI Grade	0
Base oil	Polyglycol
Thickener Type (Lithium 12-hydroxy stearate)	Yes
Texture	Smooth
Color	Yellow
Worked Penetration (ASTM D-217)	370
Density at 20 C (g/cm ³)	0.99
Dropping Point (ASTM D-2265) °F (°C)	415 ()
Base Oil characteristics Viscosity (ASTM D-445): cSt @ 40°C cSt @ 100°C Viscosity index	 120 21 200
Oxidation Stability (ASTM D-942) psi drop, 100 hrs	
Biodegradability 28 days using method, % degraded Method OECD 301 B Method OECD 301 F	 48% 25%
Oil separation, % (D 6168)	<10
Rust Prevention (ASTM D-1743)	Pass
Timken OK Load, lbs (ASTM D-2509)	70
Four Ball EP (ASTM D-2596) Weld Point, kg	400
4-Ball Wear, 40 kg, scar diameter, mm (ASTM D-2266)	0.67

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.
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