

MARSON SY GREASE



GREASE



Synthetic gear box grease

APPLICATIONS

Synthetic premium gear box oil for worm gears or steel on steel gears

- **MARSON SY GREASE** is a high performance, thixotropic, extreme pressure synthetic grease. The lithium 12-hydroxy stearate thickener in a polyglycol base fluid produces excellent water resistance and a useful temperature range of -30 to +280 F. The grease is more biodegradable than most mineral or synthetic hydrocarbon greases. It 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.
- **MARSON SY 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. 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.

SPECIFICATIONS

- ISO 6743-9: L-XCEHB-0
- DIN 51502: GPG0P-30

ADVANTAGES

High technical properties give excellent performance in gear boxes

- High film strength, very high lubricity, high VI, water insoluble grease
- Highly shear stable with good EP protection which improves the film strength and resists shock loading impacts makes it ideal mining gear box grease
- Corrosion and oxidation resistant
- Higher biodegradability than mineral based greases

TYPICAL CHARACTERISTICS MARSON SY GREASE #0

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|--|----------------------------|
| Appearance, Visual | Smooth light yellow grease |
| Thickener Type | Lithium 12 hydroxystearate |
| Penetration Worked, 60x ASTM D 217 | 370 |
| Dropping Point, °F (°C) ASTM D 2265 | 415 (213) |
| Timken OK load, ASTM D 2509 | 70 |
| 4-Ball EP weld load, kg ASTM D 2596 | 400 |
| Base oil viscosity @ 40°C, cSt ASTM D 445 | 120 |
| Base oil viscosity index ASTM D 2272 | 200 |
| Biodegradability 28 days % degraded using Method OECD 301 B or (Method OECD 301 F) | 48% or (25%) |

TOTAL Lubricants USA Southwest

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