

Alumex LX Grease

DESCRIPTION

Alumex LX Grease is a an extreme-pressure adhesive aluminium complex open gear and wire rope grease blended with 5% molybdenum disulfide. It is a semi-fluid, heavy-duty, water-resistant grease. Given its exceptional adhesion, load and shock resistance properties, it provides outstanding protection to gear teeth and extending equipment life span. The water resistant and adhesiveness nature of the grease enable it to form a lasting coating on all metal surface to provide continuous protection.

SUMMARY OF BENEFITS

- Protection against heavy loads & shocks under severe service environment - grease for LOW and HIGH temperatures. Its ability to prevent scuffing and reduce wear under high load and shock load conditions, together with its excellent resistance to shear and high temperature operation, makes it preferred over other multi-purpose greases.
- The extreme pressure and anti-wear properties enable the grease to give long service life under high loading and shock loading conditions from low temperature to very high temperature environments. Resist mechanical stress in high and low temperatures. It will not thicken since it resists oxidation. It will not thin out because it is shear resistant.
- Water Resistance - where water contamination or the water wash out contaminating influences cannot be avoided, even at elevated temperatures, effective lubrication is maintained because of the excellent resistance of Alumex LX Grease to water wash out. In these situations it also gives protection against rusting and corrosion.
- High Adhesive and Cohesive – Alumex LX Grease resists “Squeeze Out” from surfaces requiring lubrication under load conditions, thanks to its high strength polymer structure.

RECOMMENDATIONS

Alumex LX Grease is the prime recommendation for use on heavily loaded open gears of rotary drum drives, gear teeth and open gears commonly found in paper mills, sugar industry, steel industry. Mining & milling equipment, shovels, draglines, excavator, earthmoving, wire rope and marine applications.

Alumex LX Grease	TEST METHOD	UNITS
NLGI	-	0/00
SOAP TYPE	-	Aluminium Complex
COLOUR	-	Dark grey
TEXTURE	-	Smooth, buttery
OPERATING TEMPERATURE RANGE - °C	-	-20 to 150
DROPPING POINT - °C	IP 396	190 +
FZG A2.8/50 scuffing load step, rating	DIN 51 354	12 +
4-BALL WELD, KG/F	ASTMD2596	800 +
4-BALL WEAR SCAR, MM	ASTM D2266	< 0.6
BASE OIL, cSt @ 40°C	ASTM D445	1000 +
MOLYBDENUM DISULFIDE	-	5%

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

180KG - 18KG

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