



MAGNALUBE GREASE® MATERIAL DATA AND SAFETY SHEET



MAGNALUBE® GREASE

BENEFITS FOR THE CUSTOMER

Material and labour costs

One application of Magnalube® Grease will do the same job as six applications of conventional grease – thus smaller grease inventory.

- **Equipment runs smoother and longer**
Magnalube-G deposits a fine protective and lubricating film on metal that will continue to function even after grease has extruded away.
- **Downtime reduced**
Maintenance downtime periods are reduced or eliminated through the efficiency of this lubricant. Also no mess or contamination.
- **Temperature/Load problem solver**
Microparticles of TEFLON® suspended in Magnalube-G ensure continued performance of equipment operating at high loads and extreme temperatures.
- **Resistant to water and weather**
Provides extended protection against rust in moist environments and won't migrate from hot surfaces - a real plus on precision equipment and heavy machinery.

Many other design advantages make Magnalube-G the finest multi-purpose lubricant. Not classified as hazardous with the criteria of worksafe Australia.

UNLIMITED APPLICATIONS

Actuators | Brake calipers | Computers | Construction equipment | Railroad couplings | Die-casting machines | Electric switches | Gaskets | Gears, bearings & jack screws | Hydraulic & industrial equipment | Mould release | Motors | Office business machines | Pneumatic cylinders | Pumps | Railroad engines | Seals | Tools | Trucks & trailers | Valves

PROVEN PERFORMANCE

Magnalube-G deposits a fine protective and lubricating film on metal parts. It is virtually unaffected by corrosive moisture and will not migrate from hot surfaces.

Magnalube-G is water resistant, stable at high temperatures, resists oil separation, and is chemically and mechanically stable.

The **TEFLON®** base effectively lubricates at temperatures -40 °C to 288 °C. The applications are unlimited.

TECHNICAL SPECIFICATIONS

- Low Temperature Torque® -37 °C (ASTMD – 1478)
- Starting Torque® – 740 N.m
Running Torque® – 103.5 N.m
- **High Temperature Performance**
500 hours – 10,000 RPM @ 232 °C – Pass
Roll Stanility Test – 4 hours – No Change
Oxidation Stability – 100 hrs, @210 °F, ASTM D 942 10 Max
- **Base oil**
Viscosity at 40 °C: CS 193
Viscosity at 100 °F: SSU 900
Viscosity at 100 °C: CS 15.4
Viscosity at 210 °F: SSU 79.8
Pour Point at -12 °C
Timken EP, 20.4 kg

AVAILABLE SIZES

| Article number | Type |
|----------------|------------------------------|
| R50612 | Magnalube-G 25 KG DRUM |
| R50592 | Magnalube-G 4 KG TIN |
| R50599 | Magnalube-G 1 KG TIN |
| R50582 | Magnalube-G 500 GM TIN |
| R50587 | Magnalube-G 450 GM CARTRIDGE |
| R50614 | Magnalube-G 250 GM JAR |
| R50586 | Magnalube-G 250 GM TIN |
| R50581 | Magnalube-G 100 GM JAR |
| R50567 | Magnalube-G 21.25 GM TUBE |
| R50583 | Magnalube-G 4 CC TUBE |

HAZARDS IDENTIFICATION

First aid measures

| Complaints | Remedy |
|------------|---|
| Ingestion | <ul style="list-style-type: none"> Do not induce vomiting Get medical attention immediately Do not give milk or oil Administer large amounts of water If vomiting occurs, keep head low so that stomach content does not get into the lungs |
| Eyes | <ul style="list-style-type: none"> Rinse the eye with water immediately Continue to rinse for at least 15 minutes Contact physician if discomfort continues |
| Inhalation | <ul style="list-style-type: none"> Vapor inhalation is normally not a problem If overcome by vapor of hot product, immediately remove exposed person from source of exposure Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary Get medical attention if any discomfort continues |
| Skin | <ul style="list-style-type: none"> Remove contaminated clothing Wash skin thoroughly with soap and water Get medical attention if any discomfort continues |

HANDLING AND STORAGE

Precautions for safe handling

Handling Precautions Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Do not reuse container. Keep lid closed when not in use. Do not store or mix with strong oxidizers. Avoid spilling, skin and eye contact. Eye wash and emergency shower must be available at the work place

Handling Description Prevent small spills and leakages to avoid slip hazard

Storage Precautions Store separate from strong acids and oxidizers. Keep away from heat, sparks and open flame

Storage Criteria Chemical storage

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