

49 NORTH

PREMIUM PLUS INDUSTRIAL MULTI-PURPOSE EP GREASE

PRODUCT CODE: 5434, 5435

DESCRIPTION

49 NORTH® PREMIUM PLUS INDUSTRIAL MULTI-PURPOSE GREASE is a premium high temperature, multi-purpose lithium complex grease fortified with specialty additives to meet the severe requirements of a wide range of industry applications.

QUALITIES

49 NORTH® PREMIUM PLUS INDUSTRIAL MULTI-PURPOSE GREASE is a high performance, extended grease interval compound formulated from quality base oils, selected additives and a high percentage of polymers designed to provide extreme pressure protection. 49 NORTH® PREMIUM PLUS INDUSTRIAL MULTI-PURPOSE GREASE has excellent mechanical stability and is engineered to resist water at a wide operating temperature range (-18°C to 180°C) and provides excellent extreme pressure protection in high pressure or extreme shock load situations. 49 NORTH® PREMIUM PLUS INDUSTRIAL MULTI-PURPOSE GREASE is formulated with good oxidation and corrosion protection to help reduce deposits and provide a long service life at elevated temperatures.

APPLICATIONS

49 NORTH® PREMIUM PLUS INDUSTRIAL MULTI-PURPOSE GREASE is recommended for extended service in heavy-duty automotive, trucks, buses, farm tractors, and construction equipment for applications including high temperature wheel bearings (disc brakes), roller and ball bearings, electric motor bearings, throw-out bearings, universal joints, chassis, fifth wheel, king pins, bucket pins, and wherever high pressures or high shock loads are encountered.

FEATURES & BENEFITS

- Resists thinning or hardening in bearings, minimizing leakage, and maintaining extended life service.
- Protects steel and copper alloy bearings against rust and corrosion.
- Provides effective wear protection for ball joints, drive shafts, and other parts subjected to high pressure and shock loading.
- Offers excellent low temperature pumpability, and high temperature protection.
- Effectively resists water washout, assuring all-weather protection.
- Exceeds automotive specification: NLGI GC-LB



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TOLL-FREE: 1.800.463.0354

TYPICAL PROPERTIES

| | | |
|---|-----------------------|-----------------------|
| NLGI Grade | 1 | 2 |
| Product Code | 5434 | 5435 |
| Automotive Service Classification | GC-LB | GC-LB |
| Thickener Type | Lithium Complex | Lithium Complex |
| Texture | Smooth, Tacky | Smooth, Tacky |
| Color, Observed | Red | Red |
| Worked 60 Penetration (ASTM D217) | 310-340 | 265-295 |
| Dropping Point (ASTM D2265) °F (°C) | 425 min (218) | 450 min (232) |
| Rust Prevention, Rating | Pass | Pass |
| Copper Corrosion, Rating | Pass | Pass |
| Weld Load, kg (ASTM D2509) | 250 kg | 315 kg |
| Timken OK Load, lbs (ASTM D2509) | 45 lbs | 60 lbs |
| Wear Scar, mm (ASTM D2266) | 0.6 | 0.6 |
| Load Wear Index (ASTM D2509) | 45 | 50 |
| Water Washout, 175F (80°C) (ASTM D1264) | 15% max | 10% max |
| Approximate Temperature Range °F (°C) | 0 to 350 (-18 to 180) | 0 to 350 (-18 to 180) |
| Base Oil Viscosity @ 40 °C, cSt | 224 | 224 |
| Base Oil Viscosity @ 100 °C, cSt | 17.4 | 17.4 |
| Base Oil Viscosity @ 100 °F, SUS | 1194 | 1194 |
| Base Oil Viscosity @ 210 °F, SUS | 89.9 | 89.9 |

The typical properties listed reflect the general characteristics of the product and are not manufacturing specifications.

Normal batch-to-batch variations should be expected.

HEALTH & SAFETY

A complete Safety Data Sheet (SDS) is available upon request. Used oil contains by-products which may be harmful.

PACKAGE SIZES

Available in 181kg Drums, 55kg Kegs, 15kg Pails, 50 Tube Cases, 10 Tube Cases



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