

Product Description

D-A **Prolith**™ is a general purpose lithium grease formulated for excellent mobility and pumping ease in centralized lubrication systems. **Prolith**™ No. 2 grade offers better low temperature grease delivery to critical lubrication points than most No. 1 grades. The red color makes this grease easy to identify during application and operation. The combination of EP (extreme pressure) additives and a stable soap structure results in a high-quality grease capable of protecting heavily loaded machinery, while remaining in place.

Product Features and Benefits

Special blend of extreme pressure additives limits wear and reduces friction in normal and severe machine service.

Rust and corrosion preventatives protect both ferrous and non-ferrous metals in damp or corrosive environments.

Red color makes **Prolith**™ easy to identify during application and operation.

Good shear stability and bleed resistance protect against grease leakage and help control lubrication costs.

Pumps easily from tubes and other types of containers, perfect for use in central lubrication systems or in all weather conditions.

Meets the performance requirements of NLGI LB rating.

Typical Applications

General Lubrication
 Bearings
 Track Rollers
 Drive Rollers
 Fittings
 Trucking Applications
 Industrial Applications

Pivot Pins
 5th Wheel Applications
 Semi-Trailer Landing Gears
 Semi-Trailer Wheel Axle Bearings
 Agricultural Equipment
 Automotive Applications
 Meets NLGI LB Requirements

Typical Properties

| NLGI Grade | | #000 | #00 | #0 | #1 | #2 |
|---|------------|------------------------------|---------|-----------|-----------|-----------|
| Thickener Type | ASTM D128 | Lithium 12 - Hydroxystearate | | | | |
| Color | Visual | Red | | | | |
| Usable Operating Temperature Range, °F (°C) | | -22 to 300 (-30 to 140) | | | | |
| Worked Penetration @ 77°F | ASTM D217 | 445-475 | 400-430 | 355-385 | 310-340 | 265-295 |
| Base Oil Viscosity @ 40°C | ASTM D445 | 220 | 220 | 220 | 220 | 220 |
| Dropping Point, °F (°C) | ASTM D2265 | N/A | N/A | 320 (160) | 360 (182) | 380 (193) |
| Four Ball EP, Weld Load kgf | ASTM D2596 | 315 | 315 | 315 | 315 | 315 |
| Four Ball, Scar Dia., mm | ASTM D2266 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 |
| Load Wear Index | ASTM D2596 | 50 | 50 | 50 | 50 | 50 |
| Timken OK Load | ASTM D2509 | 40 | 40 | 50 | 50 | 50 |
| Water Wash-Out, % Loss | ASTM D1264 | N/A | N/A | N/A | 15 max | 10 max |
| Water Spray-Off, % Loss | ASTM D4049 | N/A | N/A | N/A | 45 | 25 |
| Copper Corrosion Test | ASTM D4048 | 1b | 1b | 1b | 1b | 1b |
| Bearing Rust Test | ASTM D1743 | Pass | Pass | Pass | Pass | Pass |
| U.S. Steel Mobility, gm/min, 60°F | USS LT-37 | N/A | N/A | 800 | 500 | 325 |
| Molybdenum Disulfide, wt. % | ASTM D128 | Nil | Nil | Nil | Nil | Nil |

D-A Part Number:

| | | | | | |
|----------------------|----------|-----------|-----------|-----------|--------|
| Bulk | N/A | 12531 | N/A | 12501 | 12511 |
| Drum – 400 lb | N/A | 12532-380 | N/A | 12502 | 12512 |
| Qtr Drum – 110 lb | N/A | N/A | 12526-110 | 12506-110 | N/A |
| Qtr Drum – 120 lb | N/A | N/A | N/A | 12506 | 12516 |
| Pail (Metal) – 35 lb | N/A | 12539 | 12529 | 12509 | 12519 |
| Pail (Metal) – 30 lb | 11038-30 | N/A | N/A | N/A | N/A |
| Cartridges – 43 lb | N/A | N/A | N/A | 12507T | 12517T |

