

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 – 120 lb	N/A	N/A	N/A	12506-110	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