

LITHEXPLUS – EP 2

Product Description

Lithexplus EP 2 is a premium quality grease that combines advanced lithium complex soap technology and leading edge to provide excellent adhesion, water wash-out resistance, mechanical stability and high temperature performance. Even after prolonged churning with water, Lithexplus EP 2 retains its consistency, adhesive and rust inhibiting properties. Lithexplus EP 2 provides good protection against corrosion and provides excellent extreme pressure protection against wear, even under severe shock loading conditions.

Lithexplus EP 2 is particularly useful in applications with severe water contamination. Lithexplus EP 2 is recommended for use in hand packed or grease gun applications, or in non-critical centralized systems, as well as grid-type flexible couplings, and is particularly suitable for use in vehicle wheel bearings.

Applications

Lithexplus EP 2 is an excellent multipurpose grease for heavy-duty service in both Automotive and Industrial applications. Its excellent water resistance and extreme-pressure protection exceed the performance levels of conventional multi-purpose light-to-medium-duty greases. Lithexplus EP 2 is particularly well-suited for general purpose anti-friction bearings operating at high Load. In addition, its low oil-bleed properties offer a distinct advantage where minimal leakage is critical.

Typical Properties

Lithexplus EP 2	
NLGI Grade	2
Thickener Type	Li-Complex + Polymer
Color, Visual	brown
Penetration, Worked, 25°C, ASTM D 217	280 - 295
Dropping Point, °C,	220 (min)
Viscosity of Oil, ASTM D 445	
cSt @ 40°C	220
Penetration, ASTM D 217, Change from 60X to 100,000X, mm/10	+30
Timken OK Load, ASTM D 2509, lb	60
Corrosion Prevention, ASTM D 1743	Pass
Oxidation Stability, ASTM D 942, Pressure drop at 100 hr, kPa	1
Wheel Bearing Leakage, ASTM D 4290, g	1.3

Ball Wear, ASTM D 2266, scar dia, mm	0.47
4 Ball EP, ASTM D 2596, weld load, kg	315
EMCOR Rust Test, ASTM D 6138, 20% SSW, rating	0,0
Water Spray-Off, ASTM D 4049, wt %	30
Water Washout, ASTM D1264, wt %	2.1

Performance Standard

NLGI -2, IS 7623:1993 [EPTYPE]

Available Packs: 18, 180 Kg.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

* All related specifications are meets or exceeds