

LITHIUM COMPLEX EP 2

Lithium-Complex grease with "Extreme Pressure" additives without lead, especially developed for the lubrication of roller bearings of vehicles. It is very comparable to conventional Lithium greases, but withstands temperatures, that are constantly above 160°C (with extremes to 225°C) and so ensures an efficient lubrication. As it contains anti-oxidation, "Extreme Pressure" and anti-corrosion properties, this grease can easily replace the bentone greases in most applications. The "Extreme Pressure" properties of this grease allows it to resist very well violent shocks and heavy loads. Its good pumpability, even at low temperatures, allows the use in distribution devices. This grease also assures a regular flow in the finest tubes of automatic lubrication systems. The anti-rust additives very efficiently protect the metal surfaces against corrosion.

APPLICATIONS

This grease can be used in both industrial and automotive applications. The product properties make it the primary choice for various types of bearing applications including heavy load conditions, vibrating applications and temperature peaks up to 180°C. Temperature range: -30°C to +140°C, Max. +180°C.

FEATURES

Extreme pressure properties : superior EP action.

Anti-wear and oxidation stability : outstanding protection of systems.

Excellent high temperature properties.

SPECIFICATION LEVEL

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|------------|-----------|------------|---------------|
| DIN | 51502 | ISO | L-XC(F)DIB2.5 |
| DIN | KP2.5N-30 | ISO | 12924 |

TYPICAL CHARACTERISTICS

| Test | Method | Unit | Average results |
|---------------------------------|-----------------------|--------|-----------------|
| Texture | Visual | | Smooth |
| Colour | VISUAL | | RED |
| NLGI Classification | ASTM D217 | | 2.5 |
| Worked Penetration (60 strokes) | ISO 2137 | 0.1 mm | 260 |
| Dropping point | ISO 2176/IP 396 | °C | 270 |
| Four Ball Weld Load | ASTM D2596/DIN51350:4 | N | 2800 |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

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