

DiTOIL® grease EP 1712

A reputation of superior quality
NLGI 2/1/0/00 ASTM D4950 COMPLIES WITH CERTIFICATION NLGI GC-LB



PRODUCT DATA

INTRODUCTION:

The balanced poly-urea based DiTOIL® grease EP 1712 owes its superior performance to a structure of high quality raw materials and exclusive additives. Designed for use in extreme environments where other greases are inadequate: prolonged pressure stress, high temperatures, humidity and acidic environments, saltwater, extreme cold and long lubrication intervals.

The stable viscosity between -30°C to 165 °C makes DiTOIL® grease 1712, summer and winter, easy to process. Advanced thickening formula and patented composition ensure outstanding performance and excellent adhesion on all materials. DiTOIL® grease EP 1712 provides outstanding protection against rust and oxidation. With his excellent lubrication, minimal maintenance and long life of your machinery and tools the product fits in a responsible sustainable use of lubricants.

SUSTAINABLE AND ENVIRONMENT FRIENDLY MAINTENANCE:

Lubricants are yet to be fully understood as it is going to pick up environmental objectives. However DiTOIL® grease 1712 EP fits perfectly in a sustainable and environmentally friendly use of engines and machines. By DiTOIL's intensive research and development, all products have a positive impact on energy consumption, maintenance frequency and lifetime. Additionally resulted in less friction and reduces noise.

CHARACTERISTICS:

- Resistant to extremely heavy, prolonged load
- Resistant to extreme point load
- Noise level (dB) reduction
- Resistant to extreme high temperatures > 195°C
- High melting point > 170°C
- Resistant to extreme temperatures < -35 °C
- Protection against rust and oxidation
- Excellent adhesion
- Stable viscosity of -35°C to 155°C
- Drop point > 245 °C
- 100% of water, salt and acid resistant

BENEFITS:

- Low power consumption
- Excellent protection under extreme conditions
- More efficient with friction provides energy savings
- To bring a very thin layer of grease is often enough
- Very economical in use
- Minimal curing
- Minimal wear
- Resistant to extremely heavy and extreme point load
- Resistant to extreme temperatures 195 °C
- Resistant to extreme temperatures -35 °C
- Viscosity of -35 to 280 °C practically stable
- Excellent adhesion
- 100% water - salt and acid resistant
- No clogged grease fittings and pipes
- Winter and summer easy to handle
- Simply applied as materials are wet
- Waterproof
- Sustainable and environmentally friendly

APPLICATIONS:

Applicable in normal and (extremely) heavy machinery, such as:

- Industrial sector
- Agricultural sector
- Asphalt Processing
- Concrete Industry
- Groundwork and contractor companies
- Recycling and demolition Companies
- Animal Feed
- Transport
- Dredging Companies
- Transshipment terminals
- Waterworks
- Off-shore

DiTOIL® grease 1712EP serves as lubricant for wheel bearings, high temperature grease (> 200°C), waterproof lubricant, connecting pins grease and grease for electric motors. DiTOIL® 1712 EP grease even to use in (salt) water. Especially recommended for general lubrication of bearings, open gears and transmissions, axles, guides, motors, fans, shafts, crown wheels, spindles, ball-and-socket joint, valves, seals and many other moving parts.

HOW TO USE:

Apply a thin layer of grease to the moving parts. Lubrication divides by movement of the parts. If necessary, apply extra DiTOIL® grease 1712EP.

SPECIFICATIONS:

NLGI grade 2

Base material: poly-urea thickener with high quality raw materials and exclusive additives

Texture: Smooth

Colour: Petrol Blue

Temperature: <-35 °C and> 195 °C

Penetration edited (60 strokes): 265-295

Drop point, ASTM D 2265, Min: 245 °C

Water Washout, ASTM D 1264: 1.0%

Rust Prevention, ASTM D 1743: Enough

Copper Corrosion, ASTM D 4048, rating: 1b

Oxidation Stability, ASTM D 942, PSI Loss, Max: 5

The N.DM value: 4,000 (four hundred thousand)

Separation of the oil, ASTM D 1742% loss, Max: 5.0

Four-Ball load, ASTM D 2596, min: 500

Load Wear Index ASTM D 2596: 50Kgf

Timken OK Load ASTM D 2509: 30Kg

BASIC CHARACTERISTICS:

Viscosity @ 95°C, cSt: 13.5-15.5

Viscosity @ 37°C, cSt: 135- 155

Viscosity @ 95°C, SUS: 60.0-70.0

Viscosity @ 37°C, SUS: 625-725

Viscosity Index: 70

AVAILABLE IN:

- Cartridge 420g
- Screw Cartridge 420g
- 5 kg, 18 kg bins
- 50 kg and 180 kg drums

DEMO:

The function DiTOIL®grease 1712 EP is unique and powerful. Our consultants will gladly let you experience the benefits through a brief demonstration at your location. Want to cut cost in a sustainable environmental manner on your machines?

Please contact and call 31 (0) 40 212 33 24 or send an email to info@ditoil.nl

DiTOIL®Grease 1712 EP extends the life of machines with less maintenance and improved efficiency allowing durability and operational costs are positively influenced.