

TEXXON ULTRA BLUE EP2 GREASE

DESCRIPTION

TEXXON ULTRA BLUE EP2 GREASE is an extra high performance multi-purpose grease intended for a large variety of applications. It is based on a blend of high viscosity index mineral oils, a lithium complex soap thickener, specially selected lead free extreme pressure additives, rust and oxidation inhibitors plus a tackiness agent.

PERFORMANCE CHARACTERISTICS

Excellent antiwear and EP performance that is important for reducing wear rates and achieving a high load-carrying capability even under conditions of high sliding and moderate shock loading, thus extending the equipment life.

The superior resistance to water wash-out assures correct lubrication even in the most severe water exposure conditions.

It has excellent adhesion and cohesion properties in order to reduce leakages and extend re-lubrication intervals.

In all operating conditions it has an excellent rust and corrosion resistance.

The superior oxidation and thermal stability extends the grease life and enhance bearing protection in high temperature applications.

It has good pumpability and low-high temperature performance.

OPERATING TEMPERATURE RANGE

The recommended temperature range is from -25 °C to 175 °C, however it may be used intermittently up to 200 °C with the lubrication frequency to be increased accordingly.



APPLICATIONS

TEXXON ULTRA BLUE EP2 GREASE is the prime recommendation for use in applications where high thermal resistance is required. These include automotive, industrial, mining, earthmoving and marine applications such as wheel bearings subjected to high temperatures and load caused by repeated and high speed braking in particular on disc brakes, chassis, high speed ball and roller bearings, pre-packed and sealed for life bearings in several heavy industries, boat trailer wheel bearings, water pumps, winches etc. and other applications requiring grease lubrication.

TYPICAL TESTS

ASTM METHOD

| | | | |
|--------------------------------------|---|--------|--------------|
| NLGI Grade | - | 2 | |
| Soap Type | | - | Lithium |
| Complex | | | |
| Appearance | - | | Blue & tacky |
| Penetration at 25°C - | | | |
| Unworked | | D.217 | 270 |
| Worked, 60 Strokes | | D.217 | 275 |
| Worked, 100,000 Strokes, Change % | | D.217 | +10 |
| Dropping Point, °C | | D.2265 | 260+ |
| Roll Stability, Penetration Change % | | D.1831 | +10 |
| Leakage, Wheel Bearing 65g - | | | |
| Packed, 163°C, g | | D.1263 | 1.5 |
| Water Washout at 80°C, % | | D.1264 | 3.5 |
| Oil Separation 24 Hours at 25°C kPa | | D.1742 | 2 |
| Oxidation Stability - | | | |
| Pressure Drop at 100 Hour, kPa | | D.942 | 15 |
| at 500 Hour, kPa | | D.942 | 70 |
| Lubrication Life, Bearing No.204 - | | | |
| 10,000 rpm, 163°C, Hours | | D.3336 | 125 |
| Rust Prevention Rating | | D.1743 | Pass |
| Timken, OK Load, Kg | | D.2509 | 23 |
| 4-Ball Weld, Kg/f | | D.2596 | 380 |
| 4-Ball Wear Scar, mm | | D.2266 | 0.48 |
| Mineral Oil Viscosity, cSt at 40°C | | D.445 | 190 |

"The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided in written contract, the products are sold without conditions or warranties expressed or implied. Purchasers should determine the suitability of such products for their particular purposes".

