

## TRU-GRIT PREMIUM MP EP2 GREASE

### Description

TRU GRIT MP 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

- 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.

#### Superior resistance to water wash-out

- Assures correct lubrication even in the most severe water exposure conditions.

#### Adhesion and cohesion properties

- In order to reduce leakages and extend re-lubrication intervals.

#### Rust and corrosion resistance

- Excellent performance in all operating conditions.

#### Superior oxidation and thermal stability:

- Extends the grease life and enhance bearing protection in high temperature applications.

#### Pumpability:

- Good in 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

TRU GRIT MP 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.

TRU GRIT MP EP2 GREASE may be used where either soap based or clay based greases are recommended, particularly if rationalisation of grease types is required.

<b>Test</b>	<b>ASTM Method</b>	<b>Typical Result</b>
NLGI		2
Soap Type		Lithium Complex
Colour / Appearance		Blue/Tacky
Penetration at 25°C:		
Unworked	D.217	270
Worked 60 Strokes	D.217	275
Worked 100000 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 hr, kPa	D.942	15
at 500 hr, kPa	D.942	70
Lubrication Life, Bearing No.204:	D.3336	125
10,000 rpm, 163°C, Hours		
Rust Prevention Rating	D.1743	Pass
Timken, OK Load, kg	D.2509	23
4-Ball EP Weld Point, kgf	D.2596	350
4-Ball Wear Scar, mm	D.2266	0.48
Mineral Oil Viscosity, cSt at 40°C	D.445	190

**Product Code: 60722**

"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 purpose".

**Effective: April 2007**

**Cancels: September 2004**