



DESCRIPTION

TEL POWERCAT 1000H EP 2 is a premium high performance heavy duty grease developed for use in a wide range of industrial and mining applications. It meets the requirements of mining and off-road equipment manufactured by Caterpillar, Terex, Komatsu, Liebherr, P&H etc.

TEL POWERCAT 1000H EP 2 is blended with high viscosity index mineral base oils, a lithium complex soap thickener and fortified with EP additives, special tackifier, antioxidants and rust and corrosion inhibitors. Molybdenum Disulfide is also added to the formulation to enhance its shock loading properties.

Performance Characteristics

Functional Multi-Purpose

- Functional Multi-purpose for LOW and HIGH temperatures. Its extra ability to prevent scuffing and reduce wear under high load and shock load conditions, together with its excellent resistance to shear and high temperature operation, makes it preferred over other multi-purpose greases.

Water Resistance

- Where water contaminating influences cannot be avoided, even at elevated temperatures, effective lubrication is maintained because of its excellent resistance to water wash out.

Excellent Mechanical Stability

- TEL POWERCAT 1000H EP 2 maintains consistency over long periods even in the most adverse conditions.

Compatibility

- It is compatible with most greases except those gelled with bentone and aluminium complex thickeners.

Operating Temperature Range

The recommended temperature range is from -20 °C to 175 °C, however it may be used intermittently up to 200°C.

Recommendations

TEL POWERCAT 1000H EP 2 is the prime recommendation for the lubrication of shock loaded, heavy duty slow moving bearings and non bearing applications such as those found in mobile mining equipment (i.e. cranes, scrapers, shovels and drag lines)

Test	ASTM Method	Typical Result
NLGI	-	2
Soap Type	-	Lithium Complex
Appearance	-	Grey/Black & Tacky
Molybdenum Disulphide, % Mass (1.5 microns average)	-	5
Penetration, Worked at 25°C -		
After 60 strokes	D.217	265 min/295 max
Dropping Point, °C	D.2265	250 min
Water Washout at 80°C, % Loss	D.1264	<4
Copper Corrosion	D.130	1b
Rust Prevention Rating	D.1743	Pass
Timken, OK Load, Kg	D.2509	26
4-Ball Weld, Kg/f	D.2596	500
4-Ball Wear Scar, mm	D.2266	0.45
Ball Joint Test, Brine Sensitivity	D.3428	Pass
Base Oil Viscosity, cSt at 40°C	D.445	320 typical

Product Code: 60794

"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: March 2013

Cancels: New