



Technical Data Sheet

ISSUE 1

Lithium EP2 Grease

(Product Code: 0500)

Product Description

A premium quality multi-purpose grease for use in all anti-friction and plain bearings subjected to high load conditions. The incorporation of extreme pressure and anti-wear additives imparts a high degree of wear protection against load. Used extensively for applications throughout industry and the automotive sector.

Outstanding Features

- Excellent extreme pressure and anti-wear performance
- High degree of corrosion protection
- Highly versatile multi purpose grease

Directions for use

LITHIUM EP2 can be applied manually, or by using a standard grease gun or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, purge bearings prior to application.

Technical Data (typical values)

Appearance	-	Smooth grease
Colour	-	Dark Brown
NLGI classification	-	2
Thickener	-	Lithium soap
Base oil	-	Blend of solvent refined mineral oil
Base oil viscosity @ 40°C (IP71) cSt	-	180 - 220
Base oil viscosity @ 100°C (IP71) cSt	-	12
Worked penetration (IP50)	-	265 to 295
Dropping point (IP132) °C	-	185 min.
Oil separation (IP121) %	-	5 max.
Copper corrosion (IP112)	-	Pass
Resistance to corrosion Emcor (IP 220)	-	0:0
Water washout (ASTM D1264) @ 39°C %	-	3
Four Ball Weld Load (IP 239) kgs	-	315
Timken OK Load lbs	-	45
Oxidation stability @ 100°C (IP142)	-	4
Pressure drop after 100 hrs psi	-	4
Operating temperature range	-	-20°C to +140°C