



TECHNICAL DATA SHEET

LITHIUM EP2 GREASE

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 GREASE 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)

Pressure drop after 100 hrs psi - 4

Operating temperature range - -20°C to +140°C

This data sheet and the information it contains is believed to be accurate as of the date of creation. Please email technical@rockoil.co.uk or telephone +44 (0) 1925 636191 if you require any further information.