

TRUFLOW OIL PRODUCTS LTD

TECHNICAL DATA SHEET



LITHIUM COMPLEX EP2

A premium quality multi-purpose lithium complex grease for lubricating all anti-friction and plain bearings for use in industrial and automotive applications. This highly adhesive grease has shown exceptional performance providing extended lubrication intervals, even under arduous conditions and over wide operating temperature range.

FEATURES

- Exceptional mechanical stability extends relubrication intervals
- Excellent oxidation stability provides lasting lubrication at high temperatures
- Excellent EP and anti-wear performance
- Good corrosion resistance protects components operating in wet conditions

METHOD OF APPLICATION

LITHIUM COMPLEX EP2 can be applied manually, or by using a standard grease gun (400gm cartridges available). Its red sparkle appearance enables instant identification. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

TYPICAL PHYSICAL PROPERTIES

Appearance	- Smooth adhesive grease
Colour	- Red sparkle
NLGI Classification	- 2
Thickener	- Lithium Complex
Base oil	- Solvent refined mineral oil
Base oil viscosity @ 40°C (IP71) cSt	- 150 min
Worked penetration (IP50)	- 265 to 295
Roll Stability (ASTM D1831) 100hrs	- +30 points change in penetration, max.
Dropping point (IP132) °C	- 250 min.
Oil separation (IP121) %	- 5 max.
Copper corrosion (IP112)	- Pass
Resistance to corrosion EMCOR (IP220)	- 0 : 0
Water washout (IP215) @ 79°C %	- 3
Four Ball Weld Load (IP239) kgs	- 450
Wear load index	- 62
Timken OK load (IP326) kgs (lbs)	- 20 (45)
Oxidation stability (IP142) 500 hrs. @ 99°C pressure drop psi.	- 8 max.
Operating temperature range:	- -20°C to +150°C

Health & Safety

Please refer to the relevant health & safety data sheet, a copy of which is freely available to all of our customers

