OptimOil

Technical Data Sheet

ISSUE 1

Lithium Complex Red EP2 Grease

(Product Code: 0550)

Product Description

A specially developed multi-purpose lithium complex grease for lubricating all anti-friction and plain bearings for use in industrial and automotive applications. The grease has shown exceptional performance providing extended lubrication intervals over wide operating temperature range.

Outstanding 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

Directions for Use

LITHIUM COMPLEX RED EP2 can be applied manually, or by using a standard grease gun (400gm cartridges available), or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease; consult a qualified centralised lubrication systems engineer before installation.
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.

Technical Data

Appearance	-	Smooth adhesive grease
Colour	-	Red
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
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) @ 38°C %	-	3
@ 79°C %	-	4
Four Ball Weld Load (IP239) kgs	-	400
Wear load index	-	62
Timken OK load (IP326) kgs (lbs)	-	20 (45)
Operating temperature range:	-	-20°C to +150°

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