



Marineco Ltd
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 Saltash PL12 6LF

TECHNICAL DATA SHEET: LUBRICANTS

TOPLUBE LITHIUM COMPLEX GREASE

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.

APPLICATIONS

Toplube Lithium Complex 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 centralized lubrication system 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.

BENEFITS

- ✓ 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

SPECIFICATIONS

Properties	Specification	Results
Appearance	-	Smooth grease
Colour	-	Red
NLGI classification	-	2
Thickener	-	Lithium complex
Base Oil	-	Refined mineral oil
Worked penetration	IP50	265-295
Dropping Point (°C)	IP132	250 min
Oil Separation (%)	IP121	5 max
Copper Corrosion	IP112	pass
Resistance to corrosion Emcor (α)	IP220	0:0
Water washout @ 39°C %	ASTM D1264	3
Four Ball Weld Load (kgs)	IP239	450
Operating temperature range	-	-20°C to 150°C