



Technical Data

PRODUCT NAME : Lithium Complex EP2T HV Red

Lithium Complex EP2T HV Red is a specially developed multi-purpose lithium complex grease on heavy base oil 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.

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 EP2T HV Red 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.

Properties	Specification	Results
Appearance	-	Smooth Adhesive Grease
Colour	-	Red
NLGI classification	-	2
Thickener	-	Lithium complex
Base oil	-	Refined mineral oil
Base Oil Viscosity (cSt)	IP 71	460
Worked penetration (dmm)	IP 50	265-295
Dropping point (°C)	IP 132	250 min
Oil separation (%)	IP 121	5 max
Copper corrosion	IP 112	Pass
Resistance to corrosion Emcor (a)	IP 220	0:0
Water Washout @ 38°C (%)	ASTM D1264	2 max
Water Washout @79°C (%)	ASTM D1264	4max
Four Ball Weld Load (kgs)	IP 239	450
Weld Load Index	IP 2390	62
Timken OK Load (Kg / lbs)	IP 2326	20 / 45
Operating temperature range	-	-20°C to 160°C