

PRODUCT INFORMATION

**Product Code: 0256/0823**

Lithium Complex EP2T SV Blue

Lithium Complex EP2T SV Blue premium quality tacky grease is a high performance, multi-purpose grease manufactured using a high viscosity 220cst mineral oil and lithium complex thickener. Lithium Complex EP2T SV Blue grease uses the latest extreme pressure (EP), anti-wear, anti-oxidation and corrosion inhibiting additives which are designed to reduce wear, improve grease performance and extend component life in dry dusty, wet and shock loaded conditions. Lithium Complex EP2T SV Blue grease has been designed for the lubrication of standard and heavy-duty anti-friction roller and plain bearings operating in normal and more demanding applications experienced in many industries.

Features & Benefits

- Excellent load and shock bearing properties and anti-wear performance
- Excellent resistance to water washout
- Oxidation stability provides lasting lubrication at higher operating temperatures
- Mechanical stability extends relubrication and helps prolong component life
- Tacky additives improve adhesive characteristics
- Good sealing properties reduce the damage caused by the ingress of dirt and moisture

Method of application

Always follow the equipment manufacturer's recommendations and instructions prior to use. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, clean or purge components prior to application. As a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the equipment manufacturer.

Storage

Products should always be stored in the original packaging in a clean indoor area. Ideally, the storage temperature should be between 0°C to 25°C. Products should be stored away from any sources of heat including direct sunlight. The recommended shelf life for grease is 2 years.

Harmonised Commodity (HS) Code: 27101999



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Properties	Unit	Method	Specification	Typical
Appearance	-	-	Tacky Grease	
Colour	-	-	Blue	
NLGI Grade	-	-	2	
Thickener	-	-	Lithium Complex	
Base Oil	-	-	Mineral Oil	
Base Oil Viscosity @ 40°C	cSt	ASTM D445	220	
Worked Penetration	dmm	ASTM D217	265 - 295	265
Dropping Point	°C	ASTM D2265	≥ 260	> 260
Four Ball Weld Load, 10s	kgf	IP 239	≥ 450	560
Four Ball Wear Scar, 40kg 1 hour	mm	IP 239	-	0.55
Extended Worked Penetration 100,000 strokes	dmm	ASTM D217	-	+48
Roll Stability – 2 hours @ 35°C	dmm	ASTM D1831	-	+20
Oil Separation 42 hours @ 40°C 168 hours @ 40°C	% %	IP 121	- -	0.7 1.8
Copper Corrosion 24 hours @ 100°C	-	ASTM D4048	-	1a
Corrosion (EMCOR) Distilled Water	-	ASTM D6138	-	0,1
Corrosion	-	ASTM D1743	-	Pass
Water Washout 1 hour @ 79°C	%	ASTM D1264	-	3.5
Water Spray-Off	%	ASTM D4049	-	60
FFK Flow Pressure, - 30°C	hPa	DIN 51805-2	-	975
Operating Temperature	-	-	-30°C to +150°C	

