



Krystal Lubetech Pvt. Ltd.

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HARYANA -122002 (INDIA)

PRODUCT DATA SHEET

SYNTHETIC LITHIUM COMPLEX GREASES

PRODUCT CODE – SP SHCLC

DESCRIPTION: Synthetic lithium complex series of greases are smooth, homogeneous high performance products made from lithium complex thickener and synthetic hydrocarbon base fluids. These are fortified with special additives. The synthetic base fluid provides excellent low temperature properties and very low starting and running torque. The lithium complex thickener provides excellent structural stability. These series of greases contribute to reduce wear and high energy savings by way of reduction in operating temperature. These can also be used for wide operating temperatures.

FEATURES :

- Very good high temperature and low temperature properties. This allows the greases to work under wide temperature range. Lithium complex thickener imparts high temperature properties and synthetic base fluid provides very low torque and excellent pumpability at low temperature.

- Very good oxidation resistance and thermal stability leading to extended service life.

- The low temperature torque results into reduced energy consumption

APPLICATIONS: Synthetic lithium complex series of greases are most suitable for wide temperature applications suitable for applications in steel plants where water ingress is unavoidable. Suitable for centralized lubrication systems. Semi fluid greases can be used in industrial gear boxes which are subjected to high temperatures.

Excellent structural stability even in presence of water makes these greases suitable for applications at higher operating temperatures and water ingress.

TYPICAL DATA

S.No.	Characteristics	Test Method	Data			
1	Base oil VG grade	-	100	220	320	460
2	NLGI Grade	-	2	2,3	0,1,2	2
3	Penetration workedx60	ASTM D-217	270	275/240	360/320/285	275
4	Drop point, Deg C	ASTM D-2265	250	250	-/230/260	250
5	Corrosion protection.	ASTM D-1743	Pass	Pass	Pass	Pass
6	Viscosity of oil@40 deg C, cSt	ASTM D445	100	220	320	460
7	Four Ball wear scar, dia mm	ASTM D-2266	0.6	0.6	0.6	0.6
8	Four Ball Weld Load, Kgs.	ASTM D-2596	250	250	250	300
9	Water washout,% wt loss	ASTM D -1264	5	5	6	5
10	Low temperature Torque, Starting torque,gm.cm Running torque, gm.cm.	IP-186	- 4500 900	- 4800 960	- 4850 980	-

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