



Krystal Lubetech

Krystal Lubetech Pvt. Ltd.

B-17, Greenwood City, Sector- 45, Gurgaon,
HARYANA -122002 (INDIA)

LITHIUM GREASE EP 3

PRODUCT DATA SHEET

S.NO	Tests	Test Method	Test Results		Specification
1	Appearance	Visual	Smooth & homogeneous.	Smooth & homogeneous.	
	Color	Visual	Light Yellow	Light Yellow	
*	NLGI Grade	ASTM D-217	3	3	
*	Thickener	-	Lithium	Lithium	
2	Consistency of Grease at 25°C +/- 0.5° C	ASTM D 217			
*	60 Strokes	ASTM D 217	228	220-250	
*	After 100,000 Strokes	ASTM D 217	+27	Shall not differ by more than +30 units from 60 double strokes	
3	Extracted Base Oil				
*	Base Oil, KV @40° C, cSt	ASTM D 445	148	135-165	
	Viscosity Index, Min.	ASTM D 2270	89	60	
	Flash Point, Flash Point, ° C (COC), Min	ASTM D 92	210	178	
4	Drop Point ° C	ASTM D 566	196	180 min	
5	Corrosion Preventive Property, rating ,max	ASTM D-1743	Pass	1 Max	
6	Copper Strip Corrosion @ 100 C, 24 hrs.	ASTM D 4048	1B	1B Max	
7	Wheel Bearing Test	ASTM D-1263			
	Leakage by mass, g, max	ASTM D-1263	0.44	5	
8	Roll stability test, penetration changes in % after 16 hrs.	ASTM D-1831	17.22	25% max	
9	Resistance to Water Washout @ 80° C (%) Loss Max.	ASTM D 1264	6.88	15 max	
10	Oxidation Stability 100 hrs, drop in pressure Kg/cm ² loss @100°C.	ASTM D 942	0.252	0.7max	
11	Four Ball weld Load Kg, Min.	ASTM D 2596	>200	200	
12	Four Ball wear scar dia, mm, Max	ASTM D 2266	0.461	0.7	

