



**TL HEAVEY DUTY LONG LIFE - 3 GREASE**

**NLGI Grade** : 2 &3

**Performance Level** : IS 7623: 1993

These are premium quality Lithium based HD Long Life Grease manufactured from solvent refined high quality base oils and soap. This grease has excellent structural stability, water resistance, high drop point and very good rust and oxidation inhibition characteristics for longer service life.

**Application:** Recommended for use in wheel bearing of heavy duty vehicles for longer service life.

Sr.No.	Characteristics	TL HD LL-3 Grease	TL HD LL-2 Grease
1	Structure	Smooth	Smooth
2	Type of Soap	Lithium	Lithium
3	NLGI Grade	3	2
4	Consistency of worked grease at 25°C		
	60 Strokes	220-250	265-295
	100000 Strokes	Does not differ by more than 30 unit from 60 strokes	
5	Difference between unworked and Worked penetration at 25°C	<10 units	<10 units
6	Drop Point, °C	>180	>180
7	Free Organic Acidity (as Oleic Acid), % by mass max.	0.1	0.1
8	Free Alkanyity (as LiOH), % by mass, max	0.1	0.1
9	Copper strip corrosion @40°C for 24 hours	Negative	Negative
10	Kinematic Viscosity of mineral oil Extracted, from the grease in cSt 40°C	100	100
11	Viscosity Index of Base Oil	90	90
12	Operating temperature range , deg C	-10 to 130	-10 to 130

**Note:** The above mentioned data are typical and it may vary with batch to batch within Permissible specification limits.