



## ROLLESTER GRAPHITE GREASE



### Product Description

ROLLESTER Lithium Base with Molybdenum Disulfide Grease is an extreme pressure/antiwear grease, formulated with a lithium soap thickener and high quality mineral base oil. It contains selected additives and molybdenum disulfide (MoS<sub>2</sub> or 'moly'). It has outstanding extreme pressure/antiwear properties and mechanical stability.

### Features & Benefits

- Excellent extreme pressure and antiwear properties protect heavily loaded or shock-loaded bearings and gears from wear, extending equipment life.
- Solid molybdenum disulfide provides an additional measure of residual lubrication, which protects metal surfaces against wear in applications where vibrating or oscillating movement tends to squeeze out the grease from between the surfaces.
- Lithium soap thickener ensures good mechanical stability, so the grease structure does not soften or break down in service.
- Good water resistance properties ensure the grease is not easily washed out of bearings or off gear surfaces, so ensuring optimum protection.
- Good adhesive properties ensure the grease sticks to the metal surfaces sealing out dirt and



abrasive materials, and so allows longer lubricating intervals.

- Provides good protection against rust and corrosion, extending component life and relubrication intervals.
- Available in NLGI grades 1, 2 and 3 to meet the requirements of specific applications

### **Typical Properties**

NLGI grade		#1	#2	#3	Test Method
Appearance		Smooth, Black, Buttery			Visual
Soap type		Lithium			
Dropping point, °C		194	199	200	ASTM D 566
Cone penetration	W×60,mm-1	329	289	240	ASTM D217
	W×100,000,mm-1	340	314	280	ASTM D217
Oil separation,24h@100°C, %,		6.6	2.8	0	FTMS 791-C321.3
Apparent viscosity,-15°C, 10s-1,Pas		198	320	891	GOST 7163
Corrosion prevention,48h@ 52°C, rating		pass	Pass	Pass	ASTM D 1743
Water washout,1h@38°C, %,		3.5	1.25	1.25	ASTM D 1264
Four ball EP, Maximum non-seizure load PB, N		618	618	618	ASTM D 2596

### **Attentions**

- Prevent water and impurities during storage and transportation.
- Do not mix with other type of grease.
- Do not heat before using.