



# GREASE LITHIUM NLGI

## • Product overview

General lithium grease is made from refined mineral oil thickened by fatty acid lithium acid lithium soap, and added to antioxidant, anti – rust and other additives, which can replace calcium and sodium grease

## • Performance characteristic

- Strong versatility, with excellent mechanical stability and oxidation stability.
- Good water resistance and rust resistance, can be applied to wet and water contact mechanical parts.

## • Recommended application

- Suitable for lubrication of rolling bearings, plain bearings and other friction parts of general mechanical equipment.
- Operating temperature: - 20 °C – 120 °C.

Item	Typical data			Test method
	NLGI 1	NLGI 2	NLGI 3	
Appearance	Smoothing cream			Visual
Worked cone penetration, 0.1mm	320	280	232	GB/T 269
Dropping point, °C	197	200	205	GB/T 4929
Penetration change after 100,000 stokes, 0.1mm	362	320	290	GB/T 269
Water washout amounts (38 °C, 1h), %	2.3	1.6	1.0	SH/T 0109
Anti – corrosion property (52 °C, 48h)	Up to standard			GB/T 5018
Steel mesh oil separation (100 °C, 24H), %	3	1.2	0.9	SH/T 0324
Similar viscosity (-15 °C, 10s <sup>-1</sup> ), Pa <sup>s</sup>	410	649	840	SH/T 0048

The technical specifications above are average, and can be adjusted to comply with GLC standards. It is advisable to consult with a GLC representative for advice.