

LONGLIFE GEL GREASE & LONGLIFE GEL XL-3

DESCRIPTION

LONGLIFE GEL is premium quality special semi lithium-complex general multi-purpose automotive and industrial grease. **LONGLIFE GEL XL-3** is premium quality special lithium-complex general multi-purpose automotive and industrial grease. These greases have a smooth, buttery & tacky texture. It is manufactured from high viscosity index premium quality synergetic mineral base oils, special lithium-complex soap thickener and advanced rust, corrosion and oxidation inhibitors to provide high mechanical and chemical stability. Its unique technology of higher dropping point gives exceptional stability under thermal stress. It contains special high performance chemical additives which enhanced oxidation resistance and special type of polymer to withstand oil separation.

APPLICATION

- **LONGLIFE GEL & LONGLIFE GEL XL-3** greases are suitable for all plain and anti-friction bearings used within the automotive industry for heavy vehicles like trucks, buses, passenger cars, vans, trucks, farm tractors and industrial equipment balls and roller bearings, plain bearings, machine tools and home appliances and general industrial applications.
- It is recommended for the lubrication of automotive wheel bearings, ball joints, universal joints, chassis fittings, linkages and various shock loaded and vibrating applications in transport, agriculture and off-road vehicles and for general industrial lubrication where service conditions are moderate.

BENEFITS & FEATURES

LONGLIFE GEL & LONGLIFE GEL XL-3 grease offers:

- Excellent adhesion due to tacky nature & improved mobility.
- Excellent retention properties under extended working conditions leading to increased equipment/bearing life.
- Excellent surface protection against rust, corrosion and wear, even under humid conditions.
- 50,000 to 80,000 kms relubrication interval (under ideal rated conditions).
- High shear, structural, oxidation stability and excellent tackiness provides longer service life.
- Cost benefits due to reduced wear of the bearings.
- Outstanding load carrying capacity reduces bearing failures.
- Lubricates effectively in wet conditions due to its excellent resistance to water washout.

PROPERTIES

SPECIFICATIONS	LONGLIFE GEL GREASE	LONGLIFE XL-3
NLGI GRADE	2.5	3
Thickener Type	Semi Lithium-Complex	Lithium-Complex
Color, Visual	Red & Golden Brown	Red & Golden Brown
Physical Structure	Smooth, buttery & tacky	Smooth, buttery & tacky
Worked penetration	250-260	220-250
Base Oil Viscosity @ 40°C	150-180	150-180
Dropping Point °C	+195	+220
4-Ball Weld Load in Kgs	+250	315
Operating Temperature	-20 to +180	315
Drain Interval Period	upto 40000 km	upto 60000 km

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