

AP3 / AP2 / AP3 PLUS / MP3 LONGLIFE GREASE (RR3)

DESCRIPTION

AP3, AP2, AP3 PLUS, MP3 LONGLIFE (RR3) is premium quality special lithium general multi-purpose automotive & industrial grease. It is manufactured from high viscosity index premium quality synergistic mineral base oils, with special lithium soap thickener and advanced rust, corrosion and oxidation inhibitors to provide high mechanical & chemical stability. Its unique technology of higher dropping point gives exceptional stability under thermal stress. It contains special chemical additives which enhanced oxidation resistance and special type of polymer to withstand oil separation.

APPLICATION

- These 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.

PROPERTIES

SPECIFICATION	AP3	AP2	AP3 PLUS	MP3 LONGLIFE RR3
Soap type	Lithium	Lithium	Lithium	Lithium
Colour	Light Brown	Light Brown	Light Brown	Red
Base Oil Type	Mineral	Mineral	Mineral	Mineral
Appearance	Smooth, Buttery & Tacky			
NLGI Grade	3	2	3	3
Viscosity @40°C	120-150	120-150	160	160
Work penetration	220-250	265-295	220-250	220-250
Drop point	+190	+190	+190	+190
Operating Temperature °C	-3 to 140	-3 to 140	-3 to 140	-10 to 150
Weld load	220	220	220	250
Water Washout, Wt. Loss @38°C, 1 Hr.	0.85	0.85	0.85	0.75
Drain Interval Period	upto 40000 km	upto 40000 km	upto 40000 km	upto 50000 km

BENEFITS

- 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.
- 40,000 to 50,000 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.

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