

Maximile LCG3 Grease

Premium Quality Automotive Grease

Technical Data Sheet

Product Description:

Maximile LCG3 Grease is premium quality; long life lithium complex grease processed with low volatile mineral oil and especially designed additive systems. The soap system incorporated in the grease enables it to retain its structure even under severe temperatures and high loads, thereby reducing leakage and enhancing component life through extension of re-lubrication intervals. Maximile LCG3 Grease has excellent shear stability and good surface adhesion. It is non-ageing and highly resistant to cold and hot water, heat, dust, rust, corrosion and oxidation.

Features & Benefits:

Maximile LCG3 Grease provides the following advantages / benefits:

- Due to its high drop point it offers excellent thermal stability and can withstand the temperature rise during severe braking and also frequent stop and go situations
- It has excellent mechanical stability and is therefore suitable for extended period of lubrication
- It has excellent oxidative stability and corrosion inhibiting property to provide long life performance due to the presence of unique additive combination
- It possess good mechanical stability even in the presence of water

Applications / Recommendations:

Maximile LCG3 Grease is state-of-the-art high performance grease meets the typical requirement of Mahindra & Mahindra commercial vehicle division.

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Typical Properties:

Maximile LCG3 Grease	
Properties	LCG3 Grease
Appearance	Smooth & Buttery
Thickener type	Lithium Complex
Colour	Dark Yellow
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	240 -260
Penetration Change after 100000 strokes, max., 1/10 mm, ASTM D 217	± 25
Kinematic Viscosity of the extracted base oil, cSt @ 40 °C, min, ASTM D 445	170 -210
Dropping Point °C, min, ASTM D 2265	250
Four Ball Weld load, kgs, min, IP 239	315
Wheel Bearing test: ASTM D 1263	
a) Leakage in gms, max	5
b) Deposits in wheel bearing races or rollers	Nil
Water wash out @ 80°C, % loss, max. ASTM D 1264	5
Roll Stability, % change in penetration, 50 °C, for 16 hrs, max, ASTM D 1831	25
Oxidation stability @ 100 °C , 100 hrs, drop in pressure, kg/cm ² , max, ASTM D 942	0.4
Rust preventive properties, max, ASTM D 1743	1
Emcor Antirust test, IP 220	0,0
Copper Strip corrosion@ 100° C, 24 hrs, ASTM D 4048	Negative
Heat Stability @ 100 °C for 30 hrs, % by mass, max, IS 1448 P:89	5

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Health and Safety:

Maximile LCG3 Grease is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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