

Balmerol[®] Liprex EP NL Grease

Extreme Pressure Lithium Based Grease

Technical Data Sheet

Product Description:

Balmerol Liprex EP NL are light coloured lithium soap base greases, containing eco-friendly Extreme Pressure (EP) additives for enhanced load bearing capacity. These greases are formulated with high quality paraffinic basestock, fortified with oxidation & rust inhibitors and lead free EP additives. Balmerol Liprex EP NL greases possess excellent shear stability under heavy duty service, have excellent water tolerance and are adaptable to normal grease dispensing systems including centralised lubrication systems (NLGI 1 & 2).

Features & Benefits:

Balmerol Liprex EP NL greases have good load bearing properties and provides adequate protection to the bearings. The other advantages of Balmerol Liprex EP NL greases are

- Can withstand shock loads which leads to better bearing protection
- Good rust and corrosion protection leading to less bearing failures
- Good pumpability which makes it suitable for centralized lubrication systems

Applications / Recommendations:

Balmerol Liprex EP NL greases are designed as multifunctional extreme pressure grease for prevention of wear during usage at temperatures upto 130°C. Balmerol Liprex EP NL greases can be used in plain and antifriction bearings operating under high load conditions in various heavy duty industrial applications, steel mills, paper mills, heavy structural construction / fabrication industries, mining and automotive industries. Balmerol Liprex EP NL greases are also recommended for use in flexible type gear couplings.

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Typical Properties:

Balmerol Liprex EP NL			
Properties	Liprex EP 1 NL	Liprex EP 2 NL	Liprex EP 3 NL
Colour	Light Coloured	Light Coloured	Light Coloured
Texture, Visual	Smooth	Smooth	Smooth
Thickener Type	Lithium	Lithium	Lithium
Base Oil	Mineral	Mineral	Mineral
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	310 - 340	265 - 295	220 - 250
NLGI Grade	1	2	3
Dropping Point °C, ASTM D 566	180	180	180
Four Ball Weld Load, Kg, IP 239	250	250	250
Four Ball Wear Scar Dia, mm, ASTM 2266	0.6	0.6	0.6
Timken OK Load lb, ASTM D 2509	45	45	45
Water Wash Out, % Loss @ 80°C max, ASTM D 1264	8	5	5
Emcor Rust Protection Test, IP 220	0,0	0,0	0,0
Oxidation Stability, Pressure drop kg/cm ² after 100 hrs @ 99°C max, ASTM D 942	0.5	0.5	0.5

Health and Safety:

Balmerol Liprex EP NL greases are 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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