

Balmerol® Rollmach EP (SPL)

Heavy Duty Extreme Pressure Grease

Technical Data Sheet

Product Description:

Balmerol Rollmach EP (SPL) is a premium grade, polymer enhanced, high performance black coloured lithium - calcium grease which provides excellent water repelling properties for the lubrication of industrial bearings subjected to heavy / shock loads, vibration and damp conditions.

This grease is based on solvent refined high VI mineral oil and a shear stable thickener system. It is further fortified with solid lubricants and synergistic blend of additives to enhance lubricity, load carrying capacity / anti-wear characteristics and adhesion.

Features & Benefits:

Balmerol Rollmach EP (SPL) provides the following benefits:

- Excellent performance when subjected to heavy / shock loads, vibration and running at medium to high speed
- Reliable corrosion protection in wet conditions, which extends bearing life
- Good adhesion properties and superior water resistance
- Extended re-lubrication intervals
- Good pumpability
- Wide operating temperature range, (-) 10°C to (+) 120°C

Applications / Recommendations:

- Balmerol Rollmach EP (SPL) is especially formulated for applications where heavy loads, medium to high speed and water wash-out (cold / hot) exclude the use of conventional greases.
- Recommended for Steel Mill lubrication of heavily loaded, medium to fast running heavy duty bearings, working under humid environment.
- Also recommended for other heavy industries such as Paper Mill, Industrial Construction, Cement works etc. where the above conditions exist.

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Typical Properties:

Balmerol Rollmach EP (SPL)	
Properties	Rollmach EP (SPL)
Texture, visual	Smooth, Tacky
Colour	Black
Thickener Type	Lithium - Calcium
Base Oil	Mineral
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	275 -310
Penetration, difference after 100000 strokes , Units , ASTM D 217	± 35 units max
Base oil Viscosity, cst @ 40°C, ASTM D 445	150
Dropping Point °C, ASTM D 566	188
Four Ball Weld Load, Kg, IP 239	400
Four Ball Wear Scar Dia, mm, ASTM 2266	0.45
Timken OK Load lbs, ASTM D 2509	55
Water Wash Out, % Loss @ 79°C max, ASTM D 1264	2.5
Emcor Rust Protection Test, IP 220	0,0
Oxidation Stability, Pressure drop "psi" after 100 hrs @ 99°C max, ASTM D 942	5

Health and Safety:

Balmerol Rollmach EP (SPL) 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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