

Balmerol[®] Alcom 2 Grease

Heavy Duty Aluminium Complex Grease

Technical Data Sheet

Product Description:

Balmerol Alcom 2 Grease is a premium grade Aluminum complex thickener based grease manufactured using high quality petroleum base stocks. It contains a synergistic blend of high performance additives. Apart from high drop point and excellent water resistance, the Aluminium complex thickener system attributes unique reversibility characteristics to the grease, which other soap and non-soap based greases cannot offer.

Features & Benefits:

Balmerol Alcom 2 Grease provides the following benefits:

- Aluminium Complex thickener system provides the grease a very high drop point, hence a high operating temperature
- It possesses excellent shear stability and good flow characteristics
- It has inherent water resistance property
- Due to the presence of high performance additive system it offers protection against oxidation, corrosion and wear
- Due to its excellent viscosity-temperature characteristics it regains its original structure when the operating temperature goes up and subsequently comes down

Applications / Recommendations:

- For many applications where the grease needs max. water resistance properties under varying temperature circumstances

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Typical Properties:

Balmerol Alcom 2 Grease	
Properties	Alcom 2 Grease
Appearance	Smooth and Buttery
Colour	Dark Brown
Thickener type	Aluminum Complex
Base Oil Type	Mineral
Kinematic Viscosity @ 40°C, ASTM D 445, cst	460
Worked Penetration 60/60 strokes at 25°C, ASTM D 217	265 - 295
Penetration Change after 100000 strokes, max., ASTM D 217 (Units)	25
Dropping Point °C, min, ASTM D 566	250
Water wash out @ 80°C, % loss, max. ASTM D 1264	2
Copper Strip corrosion@ 100° C, 24 hrs, max. ASTM D 4048	Negative
Oxidation stability, 100hrs, drop in pressure (Kg/Cm ²), max., ASTM D 942	0.4
Heat Stability @ 100°C, 30 hrs, % loss, max. IS 1448 P-89	5
Roll stability test penetration, after 16 hrs, % Change, max, ASTM D 1831	25
Wheel bearing test for 6 hrs, leakage gms , max, ASTM D 1263	5

Health and Safety:

Balmerol Alcom 2 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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