

Product Information

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RENOLIT CA LGM 2

Description

RENOLIT CA LGM 2 is calcium soap thickened grease designed with a unique blend of base oil, extreme-pressure, anti-wear, anti-corrosion, and anti-oxidation additive package for demanding applications. The grease provides maximum protection and optimized performance in applications subject to shock loads and low temperature. RENOLIT CA LGM 2 has excellent water handing capabilities without losing adhesion to metal surfaces and provides excellent corrosion protection.

Applications

Suitable for lubrication of truck landing gears, slides, jack screws and bearings subjected to loads, severe corrosive environments, and wide temperature range.

Advantages

- Shear Stable & Tacky
- Excellent Sea Water Resistance
- Excellent Oil Bleed Control
- Excellent Mechanical Stability
- Excellent Corrosion & Oxidation Protection
- Appreciable Low Temperature Mobility
- Excellent Anti-Wear & Load Carrying Capacity
- Typical Operating Temperature range of -40 °F to 150 °F

Specifications

Consult your local sales representative for available package sizes.

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Characteristics	RENOLIT CA LGM 2	Unit	Test Method
NLGI Grade	2		
Thickener	Calcium Soap		
Texture	Tacky		
Color	Light amber		Visual
Penetration, Worked (60)	265-295	0.1 mm	ASTM D217
Dropping Point	>130	°C	ASTM D2265
Oil Separation During Storage at 25 °C for 24 hrs	<3	% w/w	ASTM D1742
EMCOR Corrosion (5% Synthetic Sea Water)	1,1 Max	Rating	ASTM D6138
4-Ball Mean Wear Scar Diameter	<0.6	mm	ASTM D2266
4-Ball Weld	>400	kgf	ASTM D2596
Cone Oil Bleed @ 212 °F for 30 hrs.	2.5 Max	% Wt	ASTM D4048
Water Washout @ 100 °F	5 Max	% Wt	ASTM D1264
USS Mobility @ 0 °F @ -20 °F @ -30 °F	>10 >5 >2	g/min.	FUCHS LT-37
Low Temperature Torque @ -40 °F Starting Torque Running Torque	<1 <0.1	Nm	ASTM D1478
Base Oil Characteristics KV @ 40 KV @ 100 Viscosity Index	89.84 14.2 163	mm ² /s mm ² /s	ASTM D445 ASTM D445 ASTM D2270
Pour Point	-40 Max	°F	ASTM D97

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We therefore recommend you consult a FUCHS Lubricants Co. Application Engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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