

RENOLIT CXS BGR

Multipurpose Synthetic Calcium Sulfonate Complex Grease

Description

RENOLIT CXS BGR is a full synthetic calcium sulfonate complex grease designed for the most demanding of applications. Formulated with the latest additives systems, RENOLIT CXS BGR has unsurpassed extreme pressure, anti-wear, corrosion and oxidation performance, truly making this one grease for all applications. Thickened with special calcium sulfonate complex soap, RENOLIT CXS BGR provides excellent water tolerability and shear stability, even with the presence of water and other chemicals that breakdown traditional soap and inorganic thickened greases.

RENOLIT CXS BGR is heavy bodied, red in color and smooth textured, making it ideal for applications where the grease is exposed to visual areas. RENOLIT CXS BGR is versatile allowing it to function at both extreme low and high temperatures without sacrificing performance or product life expectancy.

Applications

RENOLIT CXS BGR is designed for a multitude of general plant lubrication requirements such as: plain and anti-frictional bearings, slides, ways, guide pins, open gears, and chucks and clamping devices. RENOLIT CXS BGR is especially suited for applications where extreme temperature conditions exist.

Being a full synthetic grease, it is very pumpable at low temperatures. The special calcium sulfonate complex soap allows for very good consistency stabilization at higher temperatures allowing the grease to "stay put" and not run away from the critical points of application.

RENOLIT CXS BGR can be applied through all known dispensing equipment designed to deliver a NLGI #2 grade grease. If you have a special application, please contact your local sales engineer.

Advantages/Benefits

- Extremely shear stable
- High and low temperature performance
- Extreme pressure/anti-wear protection
- Excellent corrosion resistance
- Exceptional water resistance/tolerability
- Compatible with most materials
- Multi-purpose/High performance

Specifications

Consult local sales representative for available package sizes.

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NLGI Grade	2		
Texture & Color	Smooth, Red		
Pentration, Unworked	285	0.1 mm	ASTM D217
Penetration, Worked (60)	284	0.1 mm	ASTM D217
Penetration, Worked (10,000)	311	0.1 mm	ASTM D217
Dropping Point	536+ (280+)	°F (°C)	ASTM D2265
Oxidation, 100 hours	3.9	p.s.i.	ASTM D942
Evaporation, 99°C, 24 hours	1.89	%	ASTM D972
Oil Separation, 99°C 24 hours	0.95	%	ASTM D1742
Rust Test Rating	Pass	Pass/Fail	ASTM D1743
Salt Water Corrosion	Pass	Pass/Fail	ASTM D5969
USS Mobility @ 0°F	13	g/min.	USS Method
4-Ball Wear	0.50	Mm	ASTM D2266
4-Ball Weld Load	500	Kgf	ASTM D2596
Load Wear Index	62		ASTM D2596
Water Wash-Out, 175°F	0	%	ASTM D1264
Wheel Bearing Life Performance	180+	Hours	ASTM D3527
Copper Corrosion	1b	Rating	ASTM D130
Low Temperature Torque			
Starting / Running @ -54°C	1.65 / 0.65	Nm	ASTM D1478
Base Oil Characteristics			
Viscosity @ 100°C	12.9	cSt	ASTM D445
Viscosity @ 40°C	72.1	cSt	ASTM D445
Viscosity Index	135		ASTM D2270
Flash Point	473 (245)	°F (°C)	ASTM D92

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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.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our Product Information sheets at any time and without warning. With the publication of this Product Information sheet, all previous editions cease to be valid.

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