

RENOLIT CXS AM

Calcium Sulfonate Complex Grease

RENOLIT CXS AM is formulated with a unique calcium sulfonate complex thickening system and base oils that provide the utmost in mechanical stability even in the presence of chemically treated water. Its resistance to break down (shear) is highlighted in the ability to retain its consistency in operating conditions with a high level of water contamination. **RENOLIT CXS AM** is also fortified with a state-of-the-art additive package that provides the necessary corrosion, anti-oxidant, anti-wear and extreme pressure protection that today's modern equipment requires. Its base oil viscosity is optimized for applications that require a thicker lubricant film and provides extended protection against the effects of shock loading, heavy loads and boundary lubrication conditions. This, along with excellent thermal / oxidative stability, provides protection over a wide operating temperature range.

Advantages / Benefits

- High Temperature Performance Excellent Water Resistance
- Very Shear Stable
- Extreme Pressure / Anti-Wear Protection
- High Base Oil Viscosity For Enhanced Film Strength
- Extremely Corrosion Resistant
- Multi-Purpose / High Performance

Application

Heavy industrial applications subjected to chemically treated water, acids, detergents and other process fluids that break down traditional greases.

Steel processing equipment such as Hot Strip Mill Back-Up Bearings, Pickling Line and Galvanizing Lines that are typically hand lubricated and must be protected for extended periods of time between re-lubrication.

Specifications / Packaging

Consult local sales representative for available package sizes.

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PROPERTY	VALUE	VALUE	UNITS	METHOD
Product Name	RENOLIT CXS AM 2	RENOLIT CXS AM 1		
NLGI Grade	2	1		
Thickener	Calcium Sulfonate Complex	Calcium Sulfonate Complex		
Texture	Tacky	Tacky		
Color	Black	Black		
Penetration, Unworked	286	312	0.1mm	ASTM D 217
Penetration, Worked 60X	287	318	0.1 mm	ASTM D 217
Penetration, Wrk 10,000X	292	327	0.1mm	ASTM D 217
Dropping Point	536+ (280+)	536+ (280+)	°F (°C)	ASTM D 2265
Water Washout, @ 175°F	-4.7	-9.0	% loss	ASTM D 1264
Rust Test Rating	Pass	Pass	Pass / Fail	ASTM D 1743
Copper Corrosion	1a	1a		ASTM D 4048
Roll Stability (Standard)	4	5	% change	ASTM D 1831
Modified Roll Stability (25ml of Water)	-5.1	-7.1	% change	ASTM D 1831 M
4-Ball Wear	0.40	0.51	mm	ASTM D 2266
4-Ball Weld	500	500	Kgf	ASTM D 2596
4-Ball LWI	83	83	Kgf	ASTM D 2596
USS Mobility @ 0°F	2	3.8	gms/min	USS
Base Oil Characteristics				
Viscosity @ 100°C	27.5	27.5	cSt	ASTM D 445
Viscosity @ 40°C	411	411	cSt	ASTM D 445
Viscosity Index	92	92		ASTM D 2270

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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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