

RENOLIT CXS SESYN ULTRA

High-performance calcium sulfonate complex grease

Description

RENOLIT CXS SESYN ULTRA are high-performance calcium sulfonate complex thickened greases formulated with select base fluids, an optimized extreme pressure/anti-wear additive system, corrosion/oxidation additive package and fortified with a synergistic solids additive system for maximum protection in heavily loaded/shock loaded applications. This blend of solid additives provides for improved performance over straight 5% Molybdenum Disulfide (MoS₂) grease alone.

Advantages

- Multi-Purpose / High Temperature / HighPerformance
- Excellent Water Resistance
- Very Shear Stable
- Extreme Pressure / Anti-Wear / CorrosionProtection
- Synergistic Solids Additive System
- Corrosion Resistant
- Protection Against Shock Loading

Application

Surface Mining & Construction equipment applications where a multi-purpose grease is specified. Heavily loaded roller bearings and plain bearings in rotating, oscillating, and sliding contact points on excavators, shovels, loaders, dozers, and large haul trucks.

Heavy industrial applications subject to high heat, loads, shear, and water conditions. Also ideal for bushings, gibbs, and ways where there are heavy loads and severe sliding action.

Anywhere a high temperature, high performance grease is required.

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Characteristics

PROPERTY; UNITS	METHOD	RENOLIT CXS SESYN Ultra	RENOLIT CXS ULTRA 15
NLGI Grade		1	1.5/2
Thickener		Calcium Sulfonate	Calcium Sulfonate
Texture		Smooth	Smooth
Color		Black	Black
Penetration, Unworked; 0,1 mm	ASTM D 217	320	295
Penetration, Worked (60); 0,1 mm	ASTM D 217	315	294
Penetration, Worked (10K); 0,1 mm	ASTM D 217	313	290
Dropping Point: °F (°C)	ASTM D 2265	500 (260)	500 (260)
Rust Test Rating; Pass/Fail	ASTM D 1743	Pass	Pass
4-Ball Wear; mm	ASTM D 2266	0,48	0.43
4-Ball Weld; kgf	ASTM D 2596	620	>800
4-Ball LWI; kgf	ASTM D 2596	110	151
Water Wash-Out (100 °F); %	ASTM D 1264	0	0
Water Wash-Out (175 °F); %	ASTM D 1264	0	0
EMCOR Corrosion (DI); 0-5	ASTM D 6138	0,0	0.0
Copper Corrosion	ASTM D 130	1a	1b
Roll Stability; %	ASTM D 1831	5,0	7.7
Pumpability USS Mobility (23°F(-5°C)); g/min	USS	N/A	20
Pumpability USS Mobility (-4°F(-20°C)); g/min	USS	7,1	N/A
Pumpability Lincoln Ventmeter (23°F(-5°C)); PSI	K 95400	N/A	202
Pumpability Lincoln Ventmeter (-4°F(-20°C)); PSI	K 95400	317	N/A
Base Oil Viscosity (100 °C); cSt	ASTM D 445	33,4	30.3
Base Oil Viscosity (40 °C); cSt	ASTM D 445	430	460
Base Oil Viscosity Index	ASTM D 2270	114	95
Base Oil Flash Point; (°F (°C))	ASTM D 92	N/A	520°F (271°C)
Base Oil Pour Point; (°F (°C))	ASTM D 97	N/A	0°F (-12°C)

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For this reason, universally-valid statements about the function of our products are not possible. The information given in this Product Information sheet represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application.

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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