



Sinclair Calcium Sulfonate EP2 Synthetic Grease



TECHNICAL PRODUCT INFORMATION

Sinclair Calcium Sulfonate EP2 Synthetic Grease is made with synthetic group VI base oils, premium additives and a synthetic Calcium Sulfonate thickener complex. It is specifically formulated for severe service, extreme environments, marine applications, and off-road machinery. It exceeds the requirements of all NLGI EP2 grease applications, including the severe demand disc brake wheel bearings and features excellent washout resistance.

FEATURES AND BENEFITS

Sinclair Calcium Sulfonate EP2 Synthetic Grease offers the following properties:

- Incredible corrosion resistance
- Excellent oxidation resistance
- Exceptional water resistance including saltwater
- Outstanding anti-wear and EP protection
- Exceptional shear stability
- Dropping point in excess of 550 °F

APPLICATIONS

Recommended for:

- High temperature applications
- Marine applications
- Applications requiring a high resistance to water wash out and water spray off
- On- and off -road heavy duty equipment
- Applications with wide temperature ranges
- Applications seeking longer life between servicing
- Disc brake wheel bearings of all types

RECOMMENDATIONS/SPECIFICATIONS

Meets requirements of NLGI GC-LB

SPECIAL HANDLING, NOTICES OR WARNINGS

Use the same care and handling as for any petroleum product.



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TYPICAL CHARACTERISTICS

Properties	Test method ASTM D-	Data
Consistency Visual Smooth	Visual	Smooth
NLGI Grade 2		2
NLGI Classification GC-LB		GC-LB
Worked Penetration 217 279	217	279
Drop Point (°C/°F) 2265 288(550)	2265	288 (550)
Oil Separation 1742 0.5	1742	0.5
Base Oil Viscosity 445	445	
cSt @ 40 °C 118		118
cSt @ 100 °C 12.5		12.5
Viscosity Index 2270 95	2270	95
Automotive Applications		
Water Washout @ 175 °F 1264 0.5	1264	0.5
Leakage Tendencies, g loss 4290 4	4290	4
High Temp Life hours 3527 100	3527	100
Fretting Protection mg 4170 6	4170	6
Elastomer Change @ 100 °C	4289	7.7
4 Ball Wear Scar Diam., mm 2266 0.45	2266	0.45
4 Ball Load Wear Index kgf 2596 65	2596	65
4 Ball EP Weld kgf 2596 500	2596	500
Rust Test 1743 Pass	1743	Pass
Low Temperature Torque N-m 4693 9.0	4693	9
Industrial Applications		
Timken OK Load lbs 2509 65	2509	65
Copper Corrosion 4048 1b	4048	1b
Steel Corrosion, distilled water 4049 Pass	4049	Pass
Steel Corrosion, 3% sea water 1743 Pass	1743	Pass
Oxidation, psi drop @ 100 hrs 942 < 5 psi	942	<5 psi