

G-2063-2

Calcium Sulfonate Complex Grease

G-2063-2 Grease is a member of a family of technologically advanced greases which have been developed by complexing modified overbased calcium sulfonates. This technology, developed and patented by Chemtura, is characterized by exceptional mechanical stability, high dropping point, high load carrying performance, reduced wear, and excellent resistance to water and corrosion. This technology equals and in many ways outperforms other premium, high temperature greases such as Lithium Complex, Aluminum Complex and Polyurea.

FEATURES AND BENEFITS

Thermal and Mechanical Stability

- Superior mechanical stability versus other thickeners, particularly in the presence of heat and water
- High dropping point, typically in excess of 250°C

Load Carrying & Wear Protection

- Excellent EP and AW properties inherent in the thickener

Corrosion Resistance

- Sulfonates are known and used for their excellent rust prevention properties
- This property is inherent in the thickener
- Will easily outperform all other technologies

Resistance to Water

- Formulated for enhanced adhesion and resistance to water

APPLICATION AREAS

G-2063-2 Grease is designed for use on diamond drill rods, pin bushings, fifth wheels, wire ropes and on applications which experience severe wet conditions. It should only be used in low speed heavily loaded bearings or on sliding applications.



TYPICAL DATA

PROPERTIES	TEST METHOD	G-2063-2
NLGI Grade	ASTM D217	2
Colour	Visual	Tan
Texture	Visual	Smooth
Dropping Point, °F	ASTM D2265	500
Consistency, 60 strokes	ASTM D217	280
Base Oil Viscosity, cSt @ 40°C	ASTM D445	232
Mechanical Stability, 100,000 strokes, % change	ASTM D217	2.4
Roll Stability, % change	ASTM D1831	4.0
Timken OK Load, kg	ASTM D2509	27.2
4-Ball EP: LWI, kgf	ASTM D2596	62
Weld Point, kg		500
4-Ball Wear, mm	ASTM D2266	0.40
Rust Test, rating	ASTM D1743	Pass
Salt Fog Corrosion, 1 mil d.f.t., hours	ASTM B117	>1000
Copper Corrosion, rating	ASTM D4048	1B
Bomb Oxidation, psi drop after 1000 hours	ASTM D942	12.0
Oil Separation, % loss	ASTM D1742	0.1
Water Washout at 80°C, % removed	ASTM D1264	0.1

The values quoted above are typical of normal production. They do not constitute a specification.

May be available in other NLGI Grades, to a minimum cone penetration of 260 mm/10 (Grade 2.5).
 (Performance data may vary between grades).

HANDLING INFORMATION

G-2063-2 Grease may be handled using conventional grease handling and dispensing methods.

SHIPPING INFORMATION

Petroleum Lubricating Grease available in a wide range of containers.

SAFETY INFORMATION

For more extensive information on the safe handling and use of this product, see the Material Safety Data Sheet.



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