

Calcium sulfonate complex grease

G-2163 is a calcium sulfonate grease designed for heavy duty use. It provides excellent lubrication in steel and paper making machinery and many other heavy industrial applications.

Calcium Sulfonate greases are technically advanced premium greases characterized by exceptional mechanical stability, excellent resistance to rust and corrosion and very high heat and load carrying capabilities.

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

PRODUCT DATA SHEET

NLGI Grade	ASTM D217	2
Colours	Visual	Tan
Texture	Visual	Smooth
Dropping Point °c	ASTM D2265	318
Consistency, 60 strokes, mm/10	ASTM D217	280
Mechanical Stability	ASTM217	
Worked 10,0000 Strokes, % change		2.3
Worked 10,000 strokes, with 50/50 water, %		8.0
		8.0
Timken OK Load, kg	ASTMD2509	27.2
4-Ball EP LWI, kgf	ASTMD2596	62
Weld Point, kg		500
4-Ball Wear, mm	ASTMD2266	0.04
Rust Test, rating	ASTMD1743	Pass
Salt Fog Corrosion, 1 mil d.f.t, hours	ASTMB117	>300
Copper Corrosion, rating	ASTMD4048	1B
Wheel Bearing Leakage, grams	ASTMD4290	4.0
Bearing Life Performance, hours	ASTMD3527	160
Bomb Oxidation, psi drop after 1000 hours	ASTMD942	9.0
Water Washout at 80°C, % lost	ASTMD1264	1.0
Resistance to Water Spray, % retained	ASTMD4049	80
Oil Separation, % loss	ASTMD1742	0.2
Mobility @ -18°C, g/minute	US Steel Method	5.5

Applications:

Severe industrial applications such as pulp, steel mills.
Wheel bearings subject to frequent immersion in seawater.
Marine applications.

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2 Beaumont Rd, Mt Kuringai, NSW, Australia Phone: +61 2 9457 8566, Fax: +61 2 9457 8057 Email: info@anglomoil.com Web: www.anglomoil.com