

Product Data Sheet

Marine & Wheel Bearing Grease

Description

MARINE & WHEEL BEARING GREASE is a premium technologically advanced calcium sulphonate complex EP grease for use in the marine industry, and in the broader automotive and industrial market.

The unique over based calcium sulphonate complex thickener system used in **MARINE & WHEEL BEARING GREASE** has inherent properties that provide exceptional water resistance and corrosion protection, excellent extreme pressure and anti-wear performance, and high temperature stability.

It offers exceptional performance as characterised by superior mechanical stability particularly in the presence of high levels of water, high load carrying performance, high dropping point, reduced wear, and excellent resistance to water washout and corrosion.

It is specifically designed to perform well under the harshest conditions found in marine environments, steel mills, pulp and paper mills and other similar industries.

It is ideally suited to applications where heat, water and extreme loads are encountered.

Applications

MARINE & WHEEL BEARING GREASE is recommended for a wide variety of marine greasing applications.

It is suitable for both leisure craft through to industrial marine fleets and is highly recommended for use in the lubrication of :-

- automotive and boat trailer wheel bearings
- marine winches, winch gears, swivel hinges, pins, anchor-chain reels, jockey wheels & winding screw, and other parts and assemblies.
- stern drives, prop shaft splines, steering tubes and cables, throttle lines and linkages, dog seals, trunnion steering mounts, shaft support bearings and most other general on-board greasing points.

MARINE & WHEEL BEARING GREASE has wide application as a highly water-resistant grease for use as a lubricant on Quad bikes, motorcycles, and ATV's for both on and off road use. It can be used on the front and rear wheel axles, front fork steering bearings and to protect against rust and corrosion in areas prone to retaining dirt and water.

MARINE & WHEEL BEARING GREASE is also suitable for other automotive and industrial applications requiring excellent rust and corrosion protection. These include rolling element bearings, plain bearings, chassis parts, gears and couplings, particularly where water is present such as in steel mills, underground tunnelling or mining and ore crushing plants.

Package Sizes

Item Code	Pack Size
MG0414201-0180	180 kg drum
MG0414201-0020	20kg pail
MG0414201-0002	2.5 kg tub (4 x 2.5 kg ctn)
MG0414201-0450	450g cartridge (12 x 450g/ctn)

NOTE: Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

Product Data Sheet

Key Benefits

- Excellent high temperature performance
- Superior water resistance
- Superior rust and corrosion resistance
- Excellent oxidation and thermal stability
- Good mechanical and shear stability
- Excellent extreme pressure and load carrying performance and resistance to wear
- Good low temperature pumpability and performance

Typical Test Data

Property	Method	Typical
NLGI Grade		2
Thickener Type		Calcium sulphonate complex
Colour, Visual		Light Tan, Smooth
Corrosion, Cu strip, 24hr @100°C	ASTM D130	1a
Penetration, Worked, 25° C,	ASTM D217	278
Dropping Point, °C,	ASTM D2265	338
Base Oil Viscosity, cSt @ 40° C	ASTM D445	322
4-Ball Wear Test, scar, mm	ASTM D2266	0.42
4-Ball EP Weld Point, kgf	ASTM D2596	450
Timken OK Load, kg	ASTM D2509	27
Oil Separation, 24 hr @25°C, m%	ASTM D1742	0.1
Wheel Bearing Leakage, m%	ASTM D1263	1.5
Water Resistance @ 90°C, %	DIN 51807	1.0
Water Washout, 80°C, % loss	ASTM D1264	0.5
Resistance to Water Spray, % loss	ASTM D4049	10.5
Salt Fog Corrosion, 1 Mil d.f.t, hrs	ASTM B117	>300
Usable temperature range in continuous service		-25 to 170°C
Maximum temperature for short term exposure		240°C

Product Data Sheet

Storage and Handling

Wherever possible store this product under cover to avoid any ingress of water. Do not store near hot work areas or where temperatures can reach above 60° C.

Health, Safety and Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed. This product should not be used for purposes other than its intended use.

Consult the Safety Data Sheet available by contacting The Millstream Group Pty Ltd office for further information.

Contact



The Millstream Group Pty Ltd
89 Bullock Dray Drive, Mt Crosby QLD 4306, Australia
+61 447 310 335



E: enquiries@millstreamgroup.com.au / www.millstreamgroup.com.au

Version 1
Date

05/06/2022

