

MOLYTEC AUSTRALIA , Unit 1, 9 Steel St, Capalaba, QLD Australia, 4157	
Tel. for Information: (07) 3245 2355 Last Updated: April 2008	Fax for Information: (07) 3245 2499 Page 1 of 2
Technical Data Sheet	MOLYTEC Marine Grease

DESCRIPTION

MOLYTEC MARINE GREASE is a superior multi-purpose grease possessing excellent lubrication characteristics for a wide range of anti-friction and plain bearings, gears, and couplings in automotive, marine, agricultural and industrial application. The extreme pressure and anti-wear properties enables the grease to give long service life under high loading and shock loading conditions from low temperature to very high temperature environments. It is based on high quality paraffinic mineral oils combined with the inclusion of extreme pressure additives, effective rust, oxidation and corrosion inhibitors, and tackiness adhesive additives.

CHARACTERISTICS

Functional Multi-Purpose grease for Low and High temperatures. It provides lubricating protection even for intermittent operation up to 200°C. Its ability to prevent scuffing and reduce wear under high load and shock load conditions, together with its excellent resistance to shear and high temperature operation, makes it preferred over other multi-purpose greases.

Sealed for Life Bearings have assured long service life due to the exceptional oxidation, rust and corrosion resistance of MARINE GREASE. With extended service, it maintains its original consistency. It will not thicken since it resists oxidation. It will not thin out because it is shear resistant.

Water Resistance. Where water contamination or water wash out contaminating influences cannot be avoided, even at elevated temperatures, effective lubrication is maintained because of the excellent resistance of MARINE GREASE to water wash out. In these situations it also gives protection against rusting and corrosion.

Adhesive and Cohesive MARINE GREASE resists "Squeeze Out" from surfaces requiring lubrication under load conditions.

Operating Temperature Range The recommended temperature range is from -20°C to 175°C, however it may be used intermittently up to 200°C.

APPLICATIONS

MARINE GREASE is the prime recommendation for use in applications where high thermal resistance is required. These include industrial, automotive, earthmoving and marine applications such as wheel bearings, chassis, boat trailer wheel bearings, and other areas requiring grease lubrication. First choice for electric motors. Excellent recommendation for ball joints that demand characteristics will ensure minimum wear and minimum torque with complete protection against rust.

MOLYTEC AUSTRALIA, Unit 1, 9 Steel St, Capalaba, QLD Australia, 4157	
Tel. for Information: (07) 3245 2355	Fax for Information: (07) 3245 2499
Last Updated: April 2008	Page 2 of 2
Technical Data Sheet	MOLYTEC Marine Grease

TECHNICAL DATA

<u>TYPICAL TESTS</u>	<u>ATSM METHOD</u>	
NLGI Grade	-	2
Soap Type	-	Lithium Complex
Appearance	-	Blue & Tacky
Penetration at 25°C-		
Unworked	D.217	270
Worked, 60 Strokes	D.217	275
Worked, 100,000 Strokes	D.217	+10
Dropping Point, °C	D.2265	260+
Roll Stability, Penetration Change, %	D.1831	+10
Leakage, Wheel Bearing, 65g		
Packed, 163°C, g	D.1263	1.5
Water Washout at 80°C, %	D.1264	3.5
Oil Separation 24 Hours at 25°C kPa	D.1742	2
Oxidation Stability –		
Pressure Drop at 100 Hour, kPa	D.942	15
At 500 Hour, kPa	D.942	70
Lubrication Life, Bearing No.204-		
10,000 rpm, 163°C, Hours	D.3336	125
Rust Prevention Rating	D.1743	Pass
Timken, OK Load, Kg	D.2509	23
4-Ball Weld, Kg/f	D.2596	350
4-Ball Wear Scar, mm	D.2266	0.48
Mineral Oil Viscosity, sCt at 40°C	D.445	190

AVAILABLE IN:

P/No M874 450g Tub
P/No M875 450g Cartridge
P/No M876 2.5kg Pail

The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided in written contract, the products are sold without conditions or warranties, express or implied, Purchasers should determine the suitability of such products for their particular purposes.

This Technical Data Sheet:
Effective September 2006.
Cancels November 2004.

MOLYTEC AUSTRALIA P/L
P.O. Box 5357 Alexandra Hills Q4161
1/9 Steel St Capalaba Q 4157
Tele: 07 32452355 Fax: 07 32452499
e-mail: molytec@bigpond.net.au
web : molytec.com.au