



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

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PRODUCT DATA SHEET

SUPER MOLYTAC

DESCRIPTION

Hi-Tec SUPER MOLYTAC is a superior multi-purpose molybdenum disulphide containing grease possessing excellent lubrication characteristics suitable for use in a wide range of anti-friction and plain bearings, ball joints, CV joints, kingpins, and gears and couplings in automotive, marine, agricultural and industrial application.

The "Moly" (carrying with it extreme pressure and anti-wear properties) and the tackiness additives together enable high performance **Hi-Tec SUPER MOLYTAC** to give extended service life under high loading and shock loading conditions from low temperature to very high temperature environments. The special characteristic of shear stability, combined with the inclusion of effective rust, oxidation and corrosion inhibitors, ensure **Hi-Tec SUPER MOLYTAC** is the preferred recommendation for extended life anti-friction bearings.

CHARACTERISTICS

FUNCTIONAL MULTI-PURPOSE grease for **LOW** and **HIGH** temperatures: **Hi-Tec SUPER MOLYTAC** provides lubricating protection even for intermittent operation up to 200°C. Its extra 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 **Hi-Tec SUPER MOLYTAC**. With extended service, **Hi-Tec SUPER MOLYTAC** maintains its original consistency, limiting thickening due to its oxidation resistance, and limiting thinning due to its shear resistance.

WATER RESISTANCE: Where water contamination cannot be avoided, effective lubrication is maintained because of **Hi-Tec SUPER MOLYTAC's** excellent resistance to water wash out, even at elevated temperatures.

COMPATIBILITY: **Hi-Tec SUPER MOLYTAC** is compatible with most grease except those gelled with bentone and aluminium complex thickeners.

Hi-Tec SUPER MOLYTAC resists "**SQUEEZE OUT**" from surfaces requiring lubrication under heavy load conditions. It has been formulated to include a shear stable tackiness agent which, unlike other conventional lithium complex greases, has **EXTRA TENACITY** for **STAYPUT** lubrication because of this added **ADHESIVE** and **COHESIVE** characteristic.

RECOMMENDATIONS

Hi-Tec SUPER MOLYTAC is the prime extended life recommendation for plain, ball and roller bearings, and other applications requiring grease lubrication in automotive, agricultural, marine and industrial equipment where heavy duty and shock loads are encountered. It is an excellent recommendation for chassis joints, universal joints, CV joints and especially for ball joints.



AUSTRALIAN FAMILY OWNED SINCE 1989





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TYPICAL TESTS

ASTM METHOD

SUPER MOLYTAC

NLGI	-	2
Soap Type	-	Lithium Complex
Colour	-	Grey Black
Molybdenum Disulphide, % Mass	-	3
Penetration, Worked at 25°C - After 60 strokes	D.217	265/290
Dropping Point, °C	D.2265	260+
Leakage, Wheel Bearing 65g - Packed, 163°C, g	D.1263	1.5
Water Washout at 80°C, %	D.1264	3.5
Wheel Bearing Leakage, g	D.1263	3
Oxidation Stability - Pressure Drop @ 100 Hour, kPa	D.942	15
@ 500 Hour, kPa	D.942	70
Rust Prevention Rating	D.1743	Pass
Timken, OK Load, Kg	D.2509	27
4-Ball Weld, Kg/f	D.2596	400
4-Ball Wear Scar, mm	D.2266	0.42
Base Oil, cSt @ 40°C	D.445	224
@ 100°C	D.445	19.0
Maximum Usable Temperature, °C	-	180

Product Code: HI7-1007-

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner. Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

Effective: March 2014

Expires: March 2016

GH413011/2



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