



PRODUCT DATA SHEET

SUPER MOLYTAC

PRODUCT DESCRIPTION

Hi-Tec SUPER MOLYTAC is a superior multi-purpose molybdenum disulfide containing grease possessing excellent lubrication characteristics suitable for use in a wide range of anti-friction and plain bearings, ball joints, CV joints, kingpins, 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, ensures **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 200oC. 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 washout, even at elevated temperatures.

COMPATIBILITY: **Hi-Tec SUPER MOLY TAC** is compatible with most grease except those gelled with bentonite and aluminum 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 have **EXTRA TENACITY** for **STAYPUT** lubrication because of this added **ADHESIVE** and **COHESIVE** characteristics.

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.

Hi-Tec suggests that the equipment manufacturers' recommendations for grade, performance requirements and general operating conditions should be checked before use.



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TYPICAL PROPERTIES

PROPERTY	Method	TYPICAL RESULTS
NLGI	-	2
Soap Type	-	Lithium Complex
Colour	-	Grey - Black
Molybdenum Disulphide, %Mass	-	3
Worked Penetration	IP50	265-295
Dropping Point, °C	IP132	260 min
Oil Separation	IP121	3 max
Copper Corrosion	IP112	Pass
Resistance to Corrosion Emcor (a)	IP220	0:0
Water Washout at 39°C %	ASTM D 1264	1:5
4-Ball Weld, Kg/f	IP239	500
Oxidation Stability @ 100°C	IP142	
Pressure drop After: 100 hours (psi) 400 hours (psi)		8
Base Oil, cSt @ 40°C	-	460
Usable Temperature Range °C	-	-20 to 180

Available in Bulk:, 180kg, 55kg, 20kg, 16kg, 2.5kg, 0.5kg and 450g cartridges

“Hi-Tec Oil Traders Ltd (Hi-Tec Oils) has endeavored 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 use of the product including consultation with the vehicle or equipment manufacturers' published information.

it is the responsibility of use 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”

Item Code: HI7-1007
Effective: July 2017
Expires: July 2019
MR717082/1