



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

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

PRODUCT DATA SHEET

SUPER RED GREASE

PRODUCT DESCRIPTION

Hi-Tec Super Red Grease is an NLGI No. 2 grease possessing superior lubrication characteristics. It is recommended for bearing lubrication under operating service conditions from normal to unusually severe.

Hi-Tec Super Red Grease has a short fibre texture and is the prime recommendation for automotive, marine and industrial applications.

Hi-Tec Super Red Grease is manufactured with Lithium 12-hydroxy stearate thickener and selected paraffinic and naphthenic base oils combined with rust, oxidation, anti-wear and corrosion inhibitors. In addition, a designed overtreat of high performance extreme pressure additives caters for unusually high load service conditions.

CHARACTERISTICS

Hi-Tec Super Red Grease can be used as a multipurpose grease for both high and low temperature applications (-20 °C to 130°C). It can endure higher temperatures for short periods if lubrication frequency is increased. **Hi-Tec Super Red Grease** protects against wear on all moving parts from shock loads and unusually high service loads. **Hi-Tec Super Red Grease** prevents scuffing and further assists in wear prevention because of the higher performance EP additives not found in conventional EP greases.

Hi-Tec Super Red Grease is lead, chlorine and nitrite free.

ADHESIVE AND COHESIVE

Hi-Tec Super Red Grease resists “squeeze out” from surfaces requiring lubrication under high load/shock load conditions. Inherent adhesive and cohesive characteristics are synergised further with the activity of the special EP additives ensuring **Hi-Tec Super Red Grease** has the tenacity to “stay put” to always give effective lubrication.

HIGH SHEAR STABILITY of **Hi-Tec Super Red Grease** ensures long service particularly in sealed anti-friction bearings. The excellent resistance to mechanical shear combined with high film strength maintains grease consistency for extended lubrication service.

OXIDATION INHIBITED **Hi-Tec Super Red Grease** assures long life in “sealed for life” bearings.

RUST AND CORROSION INHIBITED components in **Hi-Tec Super Red Grease** promote effective lubrication under difficult environments, including corrosive or rust prone situations. These inhibitors protect all metal components under these adverse conditions. **Hi-Tec Super Red Grease** shows excellent resistance to water washout.



AUSTRALIAN FAMILY OWNED SINCE 1989





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RECOMMENDATIONS

INDUSTRIAL AND GENERAL - Hi-Tec Super Red Grease is recommended for ball, roller, needle and slow speed plain bearings operating under service conditions up to approximately 130°C. It has an excellent service record under high load and/or shock load service conditions.

AUTOMOTIVE - Hi-Tec Super Red Grease is recommended for chassis, universal joints and wheel bearings particularly those in vehicles fitted with disc brakes where high temperatures cause ordinary grease to soften and give ineffective lubrication. For service in cars, trucks, tractors, trailers etc. For more severe high temperatures please consider using **Hi-Tec Lithplex Tac Grease**.

TYPICAL PROPERTIES

Description	Units	ASTM Method	Typical
Appearance		Visual	Red
NLGI Grade		ASTM D 217	2
Base Oil			
Viscosity @ 40°C	cSt	ASTM D 445	320
Viscosity @ 100°C	cSt	ASTM D 445	22.0
Drop Point	°C	ASTM D 2265	195
Water Washout @ 80°C	%	ASTM D 1264	5
Wheel Bearing Leakage	grams	ASTM D 1263	2
Copper Strip Corrosion, 3 Hrs @100C		ASTM D4048	1a
Ox Resist Press Drop, 100hr	kpa	ASTM D 942	25
Timken OK Load	kg	ASTM D 2509	20
4-Ball Weld	kg/f	ASTM D 2596	250
4-Ball Wear Scar	mm	ASTM D 2266	0.40
Rust Test	--	ASTM D 1743	Pass
Max Recommended Usable Temp for Lithium Greases	°C		140

PACK SIZES: 450g cartridges, 500g tubs, 20kg pails, 180kg drums

"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"

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