



PRODUCT DATA SHEET

SUPER RED GREASE

PRODUCT DESCRIPTION

Super Red Grease is an NLGI 2 multi-purpose grease possessing superior lubrication characteristics. It is recommended for use in anti-friction and plain bearings subjected to medium to heavy conditions throughout the industrial, marine and the automotive sectors.

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

CHARACTERISTICS

Super Red Grease can be used as a multi-purpose grease for both high and low temperature applications (-20°C to 140°C). It can endure higher temperatures for short periods if lubrication frequency is increased.

Super Red Grease protects against wear on all moving parts from high service loads. It minimises scuffing and further assists in wear prevention because of the higher performance EP additives.

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 **Super Red Grease** has the tenacity to “stay put” to always give effective lubrication.

HIGH SHEAR STABILITY of **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. **Super Red Grease** assures long life in “sealed for life” bearings.

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

RECOMMENDATIONS

INDUSTRIAL AND GENERAL - **Super Red Grease** is recommended for ball, roller, needle and slow speed plain bearings operating under service conditions up to approximately 140°C. It has an excellent service record under high load service conditions.

AUTOMOTIVE - **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 **Lithplex Tac Grease**.

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



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TYPICAL PROPERTIES

Property	Units	Method	Typical Results
Appearance	-	Visual	Smooth Grease
Colour	-	Visual	Red
NLGI Grade	-	-	2
Thickener	-	-	Lithium Soap
Base Oil	-	-	Blend of Mineral Oils
Worked Penetration	-	IP 50	265 to 295
Dropping Point	°C	IP 132	185 minimum
Oil Separation	%	IP 121	2 maximum
Copper Corrosion	-	IP 112	Pass
Resistance to Corrosion Emcor (a)	-	IP 220	0:0
Water Washout @ 39°C	%	ASTM D-1264	1.5
4-Ball Weld Load	kg	IP 239	315
Operating Temperature Range	°C	-	-20 to 140
Base Oil Viscosity @ 40°C	cSt	-	320

Available in: Bulk, 180 kg, 55 kg, 20 kg, 16 kg, 2.5 kg, 500 g and 450 g.

"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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