



PRODUCT DATA SHEET

SUPER BLUE 3 GREASE

PRODUCT DESCRIPTION

Super Blue 3 Grease is a NLGI 3 grease possessing superior lubrication characteristics. It is recommended for bearing lubrication from normal to unusually severe load service conditions.

Super Blue 3 Grease is manufactured with a lithium complex soap thickener and selected paraffinic and naphthenic base oils combined with rust, oxidation and corrosion inhibitors. In addition, a designed over treat of high performance extreme pressure additives caters for unusually high load service conditions.

Super Blue 3 Grease has a short fibre texture and is the prime recommendation for automotive, marine and industrial applications.

CHARACTERISTICS

Super Blue 3 Grease can be used as a multipurpose grease for both high and low temperature applications (up to 170°C). It protects against wear on all moving parts from shock loads in high load service conditions. **Super Blue 3 Grease** prevents scuffing and further assists in wear prevention due to the high performance additives not found in conventional EP greases.

PERFORMANCE

Super Blue 3 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 Blue 3 Grease** has the *TENACITY* to *STAY PUT* to always give effective lubrication.

Super Blue 3 Grease has *HIGH SHEAR STABILITY* ensuring 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.

Super Blue 3 Grease is *OXIDATION INHIBITED* assuring long life in “sealed for life” bearings.

Super Blue 3 Grease is *RUST AND CORROSION INHIBITED* promoting effective lubrication under difficult environments including corrosive and rust prone situations. These inhibitors protect the metal components under these adverse conditions.

RECOMMENDATIONS

INDUSTRIAL AND GENERAL - Recommended for ball, roller, needle and slow speed plain bearings operating under all service conditions up to approximately 170°C. Excellent service record under high load and/or shock load service conditions.

AUTOMOTIVE - 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.

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

Description	Units	Method	Typical Results
Appearance	-	Visual	Blue
Thickener	-	-	Lithium Complex
NLGI Grade	-	-	3
Worked Penetration	dmm	ASTM D-217	237
Drop Point	°C	ASTM D-2265	>260
Water Washout 1 hour @ 79°C	%	ASTM D-1264	1.9
Oil Separation 168 Hours @ 40 °C	%	IP121	0.7
Copper Strip Corrosion 1 Hour @120°C	-	ASTM D-4048	1b
Corrosion (EMCOR)	-	ASTM D-6138	0:0
Rust Test	-	ASTM D-1743	No Rust
4-Ball Weld	kgF	ASTM D-2596	500
4-Ball Wear Scar	mm	ASTM D-2266	0.54
Base Oil Viscosity @ 40°C	cSt	ASTM D-445	220
Operating Temperature Range	°C	-	-20 to 150

Available in: 180kg drums, 20kg pails, 500g tubs and 450g cartridges

"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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