



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](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

### SUPER BLUE 3 GREASE

#### PRODUCT DESCRIPTION

**Hi-Tec Super Blue 3 Grease** is an NLGI No. 3 greases possessing superior lubrication characteristics. It is recommended for bearing lubrication from normal to unusually severe load service conditions.

**Hi-Tec 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 overtreat of high performance extreme pressure additives caters for unusually high load service conditions.

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

#### CHARACTERISTICS

**Hi-Tec 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. **Hi-Tec 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

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

**Hi-Tec 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.

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

**Hi-Tec 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.



AUSTRALIAN FAMILY OWNED SINCE 1989





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](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

### 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.

### TYPICAL PROPERTIES

Description	Units	ASTM Method	Typical
Appearance	--	Visual	Blue
NLGI Grade		ASTM D 217	3
Drop Point	°C	ASTM D 2265	275
Water Washout @ 80°C	%	ASTM D 1264	4
Copper Strip Corrosion	3 Hrs @100C	ASTM D4048	1b max
4-Ball Weld	Kg/f	ASTM D 2596	250
4-Ball Wear Scar	mm	ASTM D 2266	0.30
Rust Test	--	ASTM D 1743	No Rust
Base Oil Viscosity @ 40°C	cSt	ASTM D 445	220
Maximum Recommended Usable Temperature for Lithium Complex Greases			170°C

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

Item Code: HI7-1014

"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](http://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](http://www.hi-tecoils.com.au)"

**Effective:** April 2013

**Effective:** April 2015

GH314090/3



AUSTRALIAN FAMILY OWNED SINCE 1989

