



## Chevron SRI Grease

### High Temperature Ball & Roller Bearing Grease

Specially formulated grease containing a highly refined paraffinic base oil, synthetic polyurea ashless organic thickener and high performance rust and oxidation inhibitors, for the lubrication of anti-friction ball, needle and roller bearings operating at speeds up to and above 10,000 rpm, operating at higher temperatures, or where water or salt water may penetrate bearings.

#### APPLICATIONS

- High speed bearings operating under high or low temperature conditions
- Unsealed bearings where there is the likelihood of fresh or salt water getting into the bearings
- Sealed-for-life bearings
- Industrial ball and roller bearings
- Electric motor, fan, and air-conditioning unit bearings
- Automotive alternator, generator and starter motor bearings
- Water pump bearings
- Boat trailer wheel bearings

Usable temperature range in continuous service is -30 to 150°C. Maximum temperature for short term exposure is 175°C.

#### PERFORMANCE STANDARDS

- Original Equipment Manufacturers (OEMs) that specifically recommend Chevron SRI Grease include:

*Bearing OEMs:* NSK, FAG

*Electric Motor OEMs:* Reliance Electric Co.,

- NSF (USDA) H2 Lubricant

#### BENEFITS

- **Enhanced oxidation stability**  
Synthetic polyurea thickener is very oxidatively stable at elevated temperatures, This, coupled with its high dropping point and the highly refined base oil and high performance anti-oxidant components, enables operation for extended periods at high temperatures.
- **Protects metal surface**  
Special rust and corrosion inhibitors provide protection to metal surfaces in wet conditions, even in a salt water environment. Passes Bearing Rust Test, ASTM D1743-73 with 5% synthetic sea water. Outstanding oxidation stability prevents the formation of corrosive oxidation by-products.
- **Superior resistance to water washout**  
Synthetic polyurea thickener has excellent inherent water resistance.

#### KEY PROPERTIES

<b>NLGI Grade</b>	<b>2</b>
<b>Product Code</b>	<b>540842</b>
Corrosion Preventive Properties, D1743	Pass
Dropping Point, °C	243
Oil Viscosity	
mm <sup>2</sup> /s @ 40°C	116
mm <sup>2</sup> /s @ 100°C	12.3
Penetration, Worked @ 25°C	280
Thickener (Polyurea), m %	8

#### ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Caltex Material Safety Data Sheet (MSDS) and Caltex Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit [www.caltexoils.com](http://www.caltexoils.com).

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Global Lubricants, Asia Pacific.

# Chevron SRI Grease

## SERVICE CONSIDERATIONS

A application guide is shown in the following table:

Performance Requirement	Chevron SRI Grease	
Operating Temperature Range (Continuous)	-30 to 150°C	
Very High Speed ( $nxd_m = 250,000 +$ )	Recommended	
Low Noise Operation	Satisfactory	
Low-Shear Stability	Satisfactory	
Corrosion Resistance	Recommended	
Water Resistance	Recommended	
Dispensable from Bulk Container	Recommended	

Note:  $nxd_m$  = Bearing rpm x bearing mean diameter (pitch diameter)

Grease types should not be mixed unless compatibility has been proven.