Chevron® SRI Grease

High Temperature Ball & Roller Bearing Grease

Product Data Sheet

Customer benefits

Longer service life at high temperatures

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.

Longer bearing life under all conditions

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.

Wide application range

Wide temperature range capability, excellent water resistance allows use in a wide variety of operating conditions.

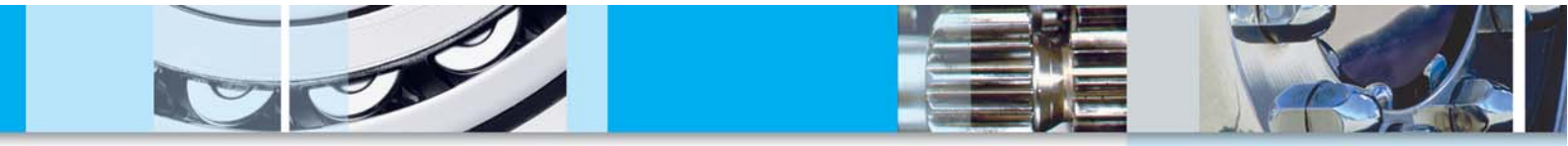
Applications

- 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 from -30 to 150°C. Maximum temperature for short term exposure is 175°C.

Product features:

- 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.



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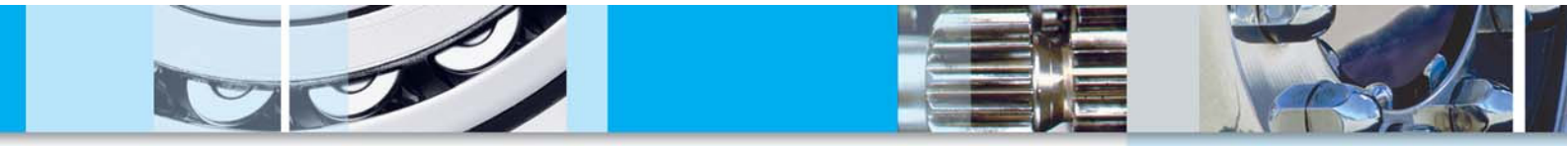
Performance standards

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

- Bearing OEMs : NSK, FAG,
- NSF (USDA) H2 Lubricant

Typical test data

CHEVRON® SRI GREASE	RESULTS
NLGI Grade	2
Product Code	540842
Corrosion Preventive Properties, D1743	Pass
Dropping Point, °C	243
Oil Viscosity,	
mm^2/s @ 40°C	116
mm^2/s @ 100°C	12.3
Penetration, Worked @ 25°C	280
Thickener (Polyurea), m %	8



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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.

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: Africa, Middle East and Pakistan

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) and 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.

For more information, go to www.chevronlubricants.com

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