

# Chevron SRI<sup>®</sup> Grease

High Temperature Ball & Roller Bearing Grease



## Product description

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.

## Customer benefits and product features

### Customer benefits

#### Long service life at high temperatures

Synthetic polyurea thickener is 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 periods at high temperatures.

#### Long bearing life under severe 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 D5969 with synthetic sea water. Outstanding oxidation stability helps prevent the formation of corrosive oxidation by-products.

#### Excellent resistance to water washout

Synthetic polyurea thickener has excellent inherent water resistance.

#### Wide application range

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

## Applications

Chevron SRI<sup>®</sup> Grease may be used in:

- 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.

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## Product approvals, performance and recommendations

### Performance standards

Suitable for use in high-speed bearings from major bearing OEMs including SKF, FAG-Schaeffler, NSK. Consult the OEM representatives for independent verification, updates and recommendations.

## Typical Test Data

| CHEVRON SRI® GREASE KEY PROPERTIES | TEST METHOD | RESULTS       |
|------------------------------------|-------------|---------------|
| <b>NLGI Grade</b>                  |             | <b>2</b>      |
| <b>Product Code</b>                |             | <b>540842</b> |
| Corrosion Preventive Properties    | ASTM D 5969 | Pass          |
| Dropping Point, °C                 | ASTM D 2265 | 255           |
| Oil Viscosity                      |             |               |
| mm <sup>2</sup> /s @ 40°C          | ASTM D445   | 110.9         |
| mm <sup>2</sup> /s @ 100°C         | ASTM D445   | 11.96         |
| Penetration, Worked @ 25°C         | ASTM D217   | 282           |
| Thickener (Polyurea), m %          |             | 6.3           |

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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 the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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