



# CHEVRON SRI GREASE

## NLGI 2

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### CUSTOMER BENEFITS

Chevron SRI Grease delivers value through:

- **Wide application range** — Suitable for high rpm operation, operating temperatures ranging from -29°C to 177°C (-20°F to 350°F) and offers excellent rust protection in the presence of both salt and fresh water.
- **Excellent oxidation stability** — Provides exceptional bearing life at operating temperatures in the range of 93°C to 177°C (199°F to 350°F).
- **Excellent rust protection** — Provides superior rust protection as defined by ASTM D 1743.

### FEATURES

Chevron SRI Grease is a high temperature ball and roller bearing grease.

It is formulated with ISOSYN® base stocks, a synthetic polyurea ashless organic thickener, and high performance rust and oxidation inhibitors (the latter to provide superior rust protection in severe applications). Its texture is smooth and buttery and its color is dark green.

Chevron SRI Grease passes ASTM D 1743 73 rust test with 5% synthetic sea water. It gives longer bearing life under high speed and high temperature operation than most other widely used antifricition bearing greases. ASTM D 3336 tests show that the life of a 204 K bearing lubricated with Chevron SRI Grease and operating at 150°C (302°F) and 10,000 rpm is about 3000 hours. This is nearly 10 times the life possible when using conventional lithium greases.

### APPLICATIONS

Chevron SRI Grease is recommended:

- for use in a wide range of automotive and industrial applications
- for use in antifricition bearings operating at high speeds (10,000 rpm and greater)
- where the operating temperatures are on the order of 150°C (302°F) and higher
- where there is a likelihood that water or salt water will get into the bearings

It performs satisfactorily in bearings at temperatures as low as -30°C (-22°F).

Applications where Chevron SRI Grease will outperform most other greases include:

- As a "life-pack" lubricant by manufacturers of automotive generators, alternators, and starters to protect against the effects of moisture and road-splash
- Bearings on air-conditioning units in homes and other buildings
- Unsealed electric motor bearings operating under moist conditions
- Applications where silent operations are required

Original Equipment Manufacturers that specifically recommend Chevron SRI Grease are:

- **Bearing manufacturers:** NSK, NTN, FAG, SKF, NMB, GMN Torrington, and American Koyo.
- **Electric motor manufacturers:** Reliance Electric Company, U.S. Motors Division of Emerson Electric Company, Toshiba International, Magnetek National Coil Company, and Lincoln Electric.
- **Auto manufacturers:** Chrysler, General Motors, and Ford.

Chevron SRI Grease is authorized by USDA for use in federally inspected meat and poultry plants as an H2 lubricant with no food contact.



## TYPICAL TEST DATA

<b>NLGI Grade</b>	<b>2</b>
<i>CPS Number</i>	254504
<i>MSDS Number</i>	6979
Operating Temperature, °C(°F) Minimum <sup>1</sup> Maximum <sup>2</sup>	-30(-22) 177(350)
Penetration, at 25°C(77°F) Unworked Worked	255 280
Dropping Point, °C(°F)	243(470)
High Temperature Life, hours at 177°C(350 F), ASTM D 3336	600
Lincoln Ventmeter, psig at 30 s, at 75°F 30°F 0°F -22°F	225 425 750 ♦
Thickener, % Type	8.0 Polyurea
ISO Viscosity Grade, Base Oil Equivalent	100
Viscosity, Kinematic* cSt at 40°C cSt at 100°C	116 12.3
Viscosity, Saybolt* SUS at 100°F SUS at 210°F	606 69.0
Viscosity Index*	97
Flash Point, °C(°F)*	260(500)
Pour Point, °C(°F)*	-15(+5)
Texture	Smooth, Buttery
Color	Dark Green

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.

- <sup>1</sup> Minimum operating temperature is the lowest temperature at which a grease, already in place, could be expected to provide lubrication. Most greases cannot be pumped at these minimum temperatures.
  - <sup>2</sup> Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication.
- ♦ Not tested at this temperature
  - \* Determined on mineral oil extracted by vacuum filtration.