



Black Pearl SRI 2 (Previously known as SRI Grease 2)

High performance high temperature polyurea grease

Product description

Black Pearl™ SRI 2 is a high performance, high temperature ball and roller grease, designed for use in a wide range of automotive and industrial applications across a wide temperature range.

Black Pearl SRI 2 is formulated with highly refined base stocks, a modern ashless, organic polyurea thickener coupled with high performance rust and oxidation inhibitors to help provide good corrosion protection and oxidation stability.

Customer benefits

- Wide range of automotive and industrial applications
- Aids robust rust and corrosion protection in components including bearings
- Designed to help protect bearings across a wide temperature range (-30°C to 177°C)
- Good adhesion qualities help maintain protection even in high RPM operations
- Extended bearing service life through good oxidation stability at operating temperatures of 93°C to 177°C
- Helps provide robust rust protection even in corrosive sea water tests, defined by ASTM D5969

Product highlights

- **Aids robust rust and corrosion protection in components including bearings**
- **Designed to help protect bearings across a wide temperature range**
- **Good adhesion helps maintain protection at high RPM**
- **Extended bearing service life through good oxidation stability**
- **Helps provide robust rust protection even in corrosive sea water tests**

Selected specification standards include:

DIN

ISO

Applications

Black Pearl SRI 2 is recommended:

- for use in a wide range of automotive and industrial applications
- for use in antifriction 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 Black Pearl SRI 2 will perform in bearings at temperatures as low as -30°C
- Under normal operating temperatures and conditions, Black Pearl SRI 2 can be used as a “Life Pack” lubricant in sealed bearings

Note that in today’s more modern, high output (horsepower), high load electric motors, there are times where these units employ ball bearings and roller element bearings on the same motor. On units where horsepower and load are considered high on the roller element bearing, EP greases should be employed.

Approvals, performance and suitable for use

Performance

Operating temperature: -30°C up to 140°C, with short peaks up to 150°C

- DIN 51502: KU2-30+140M+100 (K2N-30)
- ISO 6743-9: ISO-L-X C(L)DFA2

Product maintenance and handling

- Maintain a clean work environment is critical when equipment greases is performed Grease fittings should be wiped clean prior to grease injection to prevent contaminants from entering the equipment. Bearing houses should be maintained one-third to on-half full of grease. Over-greasing should be avoided as it can result in excessive heat build-up. Periodic relubrication via grease gun or centralized system should be supplemented by complete cleaning and packing with fresh grease in an appropriate schedule.

Old grease should be flushed as much as possible out of the system before applying new grease in order to avoid compatibility problems. For compatibility of greases, contact your local technical representative.

Typical test data		
Test	Test Methods	Results
Viscosity Grade		NLGI 2
Shelf Life: 24 months from date of filling indicated on the product label		
Appearance	Visual	Dark Green
Texture		Smooth, buttery
Thickener type		Polyurea
Thickener Content, %		8
NLGI grade	ASTM D217	2
Penetration worked, 60 strokes mm/10	ISO 2137	265-295
Base oil Type		Mineral
Base Oil viscosity at 40°C, mm ² /s	ASTM D7152	116
Base Oil viscosity at 100°C, mm ² /s	ASTM D7152	12.2
Dropping Point, °C	IP 396	242
Water resistance static, 90°C	DIN 51807/1	0
Lincoln Ventmeter at 30s, at	ASTM D1092	
75°F (24°C)		225
30°F (-1.1°C)		425
0°F (-17.8°C)		750
Density at 15°C, kg/l	IP 530	0.9

Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see www.texacolubricants.com.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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