



Product Data

## Spheerol™ SY Range

Super premium synthetic greases

### Description

Castrol Spheerol™ SY Range are lithium complex thickened lubricating greases based on synthetic base fluid. The grease contains antioxidants, corrosion inhibitors and Extreme Pressure / Anti Wear additives.

### Application

The thickener, together with the synthetic base fluid, make the products suitable for various types of bearing applications including high and low temperature applications. The complex soap structure also gives the products a high degree of mechanical stability.

### Advantages

- Outstanding high and low temperature performance
- Very good mechanical stability
- High load carrying capability
- Good corrosion protection

### Typical Characteristics

Name	Method	Units	Spheerol SY 1002	Spheerol SY 2202	Spheerol SY 4601
Thickener Type	-	-	Lithium Complex	Lithium Complex	Lithium Complex
NLGI Classification	ISO 2137/ ASTM D217	-	2	2	1.5
Colour	Visual	-	Beige	Beige	Beige
Dropping Point	ISO 2176 / ASTM D566	°C/°F	>260/>500	>260/>500	>260/>500
Base Oil Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm <sup>2</sup> /s	100	220	460
Worked Penetration (60 strokes @ 25°C / 77°F)	ISO 2137/ ASTM D217	0.1 mm	265-295	265-295	290-320
Four Ball Weld Load test - Weld Point	DIN 51350-4	kgf	347	347	326
Operating Temperature Range	-	°C	-40 to +150	-40 to +150	-40 to +150

Subject to usual manufacturing tolerances.

## Additional Information

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

## Storage

Supplied in pails of approximately 18kg. Note the actual pack size may vary according to country of supply.

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Spheerol™ SY Range

14 Mar 2019

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 352, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW  
Orders/Enquiries: 0345 9645111 Technical Enquiries: 0345 082 1719  
[www.castrol.com/industrial](http://www.castrol.com/industrial)