



Product Data

Spheerol SX 2

Calcium complex grease

Description

Spheerol SX 2 is a complex calcium sulphonate grease providing superior performance benefits in the highly aggressive conditions experienced in the marine environment.

Application

Spheerol SX 2 is a true multipurpose ship machinery lubricant, specifically developed to provide enhanced lubrication and protection for bearings, wire ropes and open gears usually found in marine environments.

Spheerol SX 2 is suitable for most journal bearings, wire ropes and open gears used in marine deck equipment and can be considered for roller, ball and needle bearings generally used in engine room equipment.

In addition to the excellent protection provided for wire ropes and open gears, Spheerol SX 2 is also suitable for use on a wide range of deck equipment where it will protect and lubricate hinges, turnbuckles, screws, fair leads etc.

For multipurpose applications a grease gun may be used with Spheerol SX 2. Alternatively traditional application methods can be used for wire ropes and open gears. (Please see also "Additional Information").

Features / Benefits

Spheerol SX 2 is proven to offer:

- High drop point.
- Excellent protection against corrosion.
- High resistance to sea water wash off.
- Strong adhesion to surfaces.
- A lubricant which is solvent free containing no heavy metals or harmful constituents.

Additional Information

Whilst traditional ways of applying grease on wire ropes can be utilised, use of a proprietary pressurised grease applicator in accordance with manufacturer's instructions may assist in applying the appropriate quantity of grease and may also help to protect the core of the wire rope.

Technical Data

Name	Method	Units	Spheerol SX 2
NLGI Classification	ASTM D217		2
Base			Complex Calcium Sulphonate
Worked penetration 60 Cycles	ASTM D217	0.01 mm	265-295
Oil Viscosity @ 40°C	ASTM D445	mm ² /s	180
Dropping point	ASTM D566	°C	>280
Operating temp, min/max		°C	-20/150
Four Ball EP Weld Point	ASTM D2596	kg	400

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Storage

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 SX 2

05 Apr 2012

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 Marine, Technology Centre, Whitchurch Hill, Pangbourne, Reading RG8 7QR, United Kingdom

www.castrol.com/marine