

PRODUCT & TECHNICAL DATA

CASTROL SPHEEROL SX 2 Calcium complex grease

DESCRIPTION

Spheerol SX2 is a complex calcium sulphonate grease providing superior performance benefits in the highly aggressive conditions experienced in the marine environment.

APPLICATIONS

Spheerol SX 2 is a true multipurpose ships machinery lubricant specifically developed to provide enhanced lubrication and protection for bearings, wire ropes and open gears found usually 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 SX2 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.

Extensive evaluation in adverse climatic conditions has confirmed the outstanding qualities of Spheerol SX 2 as a true multipurpose ships machinery lubricant. Service intervals between re-lubrication are extended, reducing the time spent on preventative maintenance.

CARE AND HANDLING

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

Care should be taken to ensure that only a thin film of grease is applied to the external surfaces of the wire ropes as excessive greasing could potentially lead to contamination of surrounding areas.

PACKAGING AND 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.

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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

TYPICAL CHARACTERISTICS	UNIT	TEST METHOD	VALUE
Spheerol			SX 2
NLGI Classification	-	ASTM D217	2
Base			Complex Calcium Sulphonate
Penetration, Worked (0.1mm)		ISO 2137	265-295
Oil viscosity @ 40°C	cSt	ISO 3104 / ASTM D445	180
Drop point	°C	ASTM D566	>280
Flash point	°C	ISO 2176	>250
Operating temp, min/max	°C		-20 /150
Colour			Pale Brown
Four ball EP Weld Point	kg		400

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

GENERAL ADVICE

Further information on all Castrol Marine lubricants is available from any Castrol Marine office or from:

Castrol Marine www.castrolmarine.com
Technology Centre
Whitchurch Hill
Pangbourne
Reading RG8 7QR
United Kingdom

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