

# Product &

## Spheerol SX2

# Technical Data

### INTRODUCTION

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

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

### FEATURES AND BENEFITS

Castrol Spheerol SX2 is proven to offer:

- { Long term stability with no premature hardening.
- { 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.

Spheerol SX2 can also be used to lubricate ball and roller bearings in both engine room and deck applications, and has been successfully tested at shaft speeds of 6000 RPM and at a temperature of 140°C.

In addition to the excellent protection provided for wire ropes and open gears, Castrol Spheerol SX2 is also suitable for use on a wide range of deck equipment where it will protect and lubricate hinges, turnbuckles, screws and fair leads etc.

Extensive evaluation in adverse climatic conditions has confirmed the outstanding qualities of Spheerol SX2 as a true multipurpose ships machinery lubricant. Service intervals between re-lubrication are extended, compared with conventional lubricants, reducing the time spent on preventative maintenance.

When applying Spheerol SX2, when used for multipurpose applications a grease gun may be used. Whilst the traditional methods should be applied when used as a wire rope and open gear lubricant.

### TECHNICAL DATA

Typical Characteristics	Spheerol SX2
Colour	Pale Brown
NLGI Rating	2
Base	Complex Calcium Sulphonate
Flash Point, °C	>250
Penetration, Unworked (0.1mm)	262
Penetration, Worked (0.1mm)	285
Drop Point, °C	>300
Operating Temperature Range, °C	-25 to +175
Base Oil Viscosity at 40°C, cSt	180
Timken OK Load, lbs	65
4-ball EP Weld Point, kg	540
4-ball EP Wear (MWSD) @ 60kg load, mm	0.688
Salt Spray Corrosion Test Rating, (1-6), ASTM B117	1
Resistance to Water Spray, ASTM D4049, % loss	11
Emcor Bearing Corrosion Test (Salt Water), IP 220	0

