

GREASE APPLICATIONS



Are you using the correct grease for the diverse range of equipment and wide range of operating conditions it will experience? Have you considered the environmental impact of your on-deck grease?

PRODUCT	OIL TYPE	CATEGORY
Spheerol SX2	Mineral	TRUSTED QUALITY
High Temperature Greases	Mineral	HIGH PERFORMANCE
BioTac EP2	Synthetic	HIGH PERFORMANCE ENVIRONMENTALLY RESPONSIBLE
Spheerol EPL Series	Mineral	TRUSTED QUALITY
Spheerol LMM	Mineral	TRUSTED QUALITY
Spheerol AP3	Mineral	TRUSTED QUALITY



SPHEEROL SX2

CALCIUM COMPLEX GREASE

**TRUSTED
QUALITY**

Castrol Spherol SX2 is a multipurpose lubricating grease, specifically developed to provide lubrication and protection for bearings, wire ropes and open gears.



FEATURES	BENEFITS
Excellent multipurpose product.	Can help to reduce inventory.
High dropping point.	Can be used in higher temperature applications than a conventional grease.
Excellent protection against corrosion.	Can help to extend the life of on-deck equipment.
High resistance to seawater wash off.	Maintains a protective coating for longer and helps extend re-greasing intervals.

Trial and Lab Test Data

- The high Dropping Point indicates how stable Spherol SX2 is at higher temperatures.
- The high Weld Point value (measured by the 4 Ball EP wear test) indicates efficient operation under high loads.
- These properties are important for the lubrication of the bearings and open gears of deck hatches, mooring and anchor winches and cranes working under very high loads, low speeds and frequent stop-start operation.

TECHNICAL DATA			
TYPICAL CHARACTERISTICS	METHOD	UNITS	SPHEEROL SX2
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

HIGH TEMPERATURE GREASE

MULTIPURPOSE HIGH TEMPERATURE GREASE

HIGH PERFORMANCE

Intended for use in a wide range of plain and rolling element bearings, especially targeting those applications where upper operating temperatures are likely to exceed the limits of conventional, lithium-thickened greases.

FEATURES	BENEFITS
Excellent thermal and mechanical stability.	Helps to ensure prolonged product integrity across a wider operating temperature range.
Good extreme pressure and anti-wear properties.	Helps to promote long component life.

BIOTAC EP2

ENVIRONMENTALLY RESPONSIBLE EP GREASE

HIGH PERFORMANCE ENVIRONMENTALLY RESPONSIBLE

Environmentally responsible wire rope grease providing excellent protection even when equipment is exposed to water wash.

FEATURES	BENEFITS
Enhanced renewability. Superior biodegradation. Significantly reduced bioaccumulation and toxicity.	Reduced environmental impact when compared to conventional mineral oils. Support your company's environmental agenda. Enhance your reputation among customers and stakeholders. Comply with current and future legislation.
Good pumpability at low temperatures.	Facilitates the use of pressurised lubrication equipment.
High resistance to water spray-off.	Helps reduce frequency of application.
Good load-carrying and anti-corrosion properties.	Contributes to extended component life and reduced maintenance for wire ropes.

SPHEEROL EPL SERIES

BEARING GREASE

TRUSTED QUALITY

Castrol Spheerol EPL series are a range of greases for selected marine applications where a lithium-thickened grease is more suitable. The range extends from a general purpose bearing grease to a semi-fluid grease for centralised lubrication systems and grease-filled gearboxes.

FEATURES	BENEFITS
Excellent EP and anti-wear performance.	Protects equipment against high loads and helps to reduce bearing and component wear. This in turn assists in maximising component life and reducing maintenance.

SPHEEROL LMM

LITHIUM BASED GREASE WITH MOLY DISULPHIDE

TRUSTED QUALITY

Castrol Spheerol LMM is suitable for heavily loaded and shock loaded plain bearings and roller element bearings.

FEATURES	BENEFITS
Excellent EP and anti-wear performance compared to conventional greases.	Helps to protect equipment against extreme loading and helps to minimise bearing and component wear, contributing to extended component life and reduced maintenance.

SPHEEROL AP3

LITHIUM BASED GREASE

TRUSTED QUALITY

Primarily intended for use in plain and roller bearings where a NLGI 3 lithium-thickened grease with a lower viscosity base oil is required.

FEATURES	BENEFITS
Corrosion inhibitor additive.	Provides protection for metal surfaces, helping to extend the life of equipment.
Oxidation inhibitors.	Helps to extend the life of the grease, reducing the need for frequent re-greasing.



To find out more about Castrol Marine lubricants please visit: www.castrol.com/marine



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IT'S MORE THAN JUST OIL. IT'S LIQUID ENGINEERING.

