



## PRO MARINE CS EP 2 (400)

CALCIUM SULPHONATE GREASE (400 cSt BASE OIL)

### DESCRIPTION

Pro Marine CS EP 2 (400) has a very high resistance to change in temperature. The drop point is above 300°C. This grease has excellent properties at high loads due to the high viscosity of the base oil and the calcium sulphonate complex. Pro Marine CS EP 2 also offers excellent mechanical stability in roller bearings (all kinds of bearings), slide ways and joints. It offers excellent oxidation and corrosion protection, also under the pressure of seawater. Pro Marine CS EP 2 (400) is also suitable for the use in the Steel Mill industry. It offers excellent water resistance even under the influence of a water jet and will not wash out. If the product has a 50% of water mixed in it, it still retains its consistency. It carries excellent load resistance, due to the performance of extreme pressure and anti-wear properties. Pro Marine CS EP 2 does not contain any heavy metals or any other substance that are harmful to the environment (or human health). Due to the high film strength of Pro Marine CS EP 2 (400), the lubrication intervals are greatly extended as well as reducing maintenance and costs.

### APPLICATIONS

Pro Marine CS EP 2 (400) is a top quality water-repellent grease. It is a high formulated grease and specifically formulated towards the marine industry as well as industrial sectors. Pro Marine CS EP 2 (400), is the ideal lubrication grease for all types of bearings – plain, roller, ball, needle, etc), oven conveyor bearings, roll neck bearings, slides, kiln gears, pin and bush on draglines, cranes, loaders, pulleys, universal joints, track rollers, chains, pivots, scraper winches, mill stands and continuous casting rollers.

### FEATURES AND ADVANTAGES

- Longer life of components even in the presence of water.
- Water repellent.
- High temperature stability.
- Economical and mechanical stability.
- High base oil viscosity.
- Heavy metal free.
- Good oxidation and corrosion properties.

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## PRODUCT & TECHNICAL DATA

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### PHYSICAL CHARACTERISTICS

Colour / Appearance	Light Brown / Smooth
NLGI	2
Thickener	Calcium-Sulphonate Complex
Drop Point, °C	>300
Usable Temperature Range, °C	-20 to +180
4 Ball Weld Point (ASTM 2596), kg	400
Timken Load, kg	30 min
Worked Penetration at 25°C	265-295
Copper Corrosion – 24hr at 100°C	DIN 51811 1B
Anti-rust performance dynamic	DIN 51802
Emcor SKF in distilled water	0-0
Emcor SKF in synthetic sea water	1-1
Oil Viscosity @ 40 °C, cSt	400

### GENERAL ADVICE

Further information on all Pro Oil SA lubricants is available from any Pro Oil SA office or from:  
[www.prooil.co.za](http://www.prooil.co.za)

These characteristics are typical of current production.  
Whilst future production will conform to Pro Oil SA's specification, variations in these characteristics may occur.

#### Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Pro Oil SA representative.

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