

PRODUCT DATA SHEET



Athen Marine Grease CS EP2

Calcium Sulfonate Complex EP Grease

Product Description

Athen Marine Grease CS EP 2 is a heavy-duty, multipurpose grease based on a calcium sulfonate complex soap for use in a wide range of marine, industrial, and automotive applications. It is manufactured from high-quality solvent-refined base oils and performance additives to provide good structural stability, resistance to water washout, and effective protection from wear and corrosion.

Features & Benefits

- Outstanding high-temperature resistance prevents grease from oil bleeding and helps maintain its structure for a prolonged time
- Exceptional water tolerance ensures continued lubrication even in the presence of heavy water contamination
- Very good extreme pressure and anti-wear properties protect equipment from heavy loads, reduce breakdown, and improve operating profit

Applications

- Marine and offshore applications, Steel industry, paper and pulp machinery, asphalt hot mix plant
- Automotive, agricultural, construction machinery couplings, power take-offs, kingpins, bushings, and disc brakes
- Can be used above 175°C with increased re-greasing interval. Regreasing interval to be determined by the user

Athen Marine Grease CS EP2		
Performance Meets/Exceed	DIN 51825 KP2R-20	
Test Parameters	Method	Typical Results
Colour	Visual	Brown
Texture	Visual	Smooth/Buttery
Soap/Thickener		Calcium Sulfonate Complex
NLGI	Scale	EP 2
Types of base oil		Mineral
Base Oil viscosity " 40 deg C	D 445	220
Worked penetration@25°C, 60 double strokes	D217	280
Penetration after 100,000 double strokes	D217	(+5)
Dropping point, °C	D2265	>320
Water washout at 79°C. %wt., loss	D1264	2.4
Four ball weld load, kgf	D2596	500
Four ball wear scar diameters, mm	D2266	0.5
Copper strip corrosion at 100°C for 24 hrs.	D4048	1b
Rust protection	D1743	Pass

"Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations that do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this PDS.