

PRODUCT DATA SHEET



Athen Marine Grease CS WR

Calcium Sulfonate Complex Semi-synthetic EP Grease.

Product Description

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

Features & Benefits

- Extraordinary water resistance, no significant loss of consistency is observed even with high amounts of water entering the grease
- Excellent anti-oxidation and anti-corrosion properties thanks to the excellent behavior of the calcium sulfonates, also in the presence of seawater
- It has outstanding performances even in the case of high-speed and heavy load applications, where normally polyurea or lithium complex greases are requested

Applications

- It is specially designed to deliver outstanding performance in severe application areas like marine, mines, offshore, and heavy-duty off-highway equipment.
- It is suitable for use in centralized greasing systems and General lubrication of axles, ball joints, universal joints, couplings, power take-offs, kingpins, bushings, and disc brakes
- To exhibit its best performance in wire rope application, using pressurized wire rope lubricators is preferred to ensure grease reaches the core of the wire rope.

Athen Marine Grease CS WR		
Performance Meets/Exceed	DIN 51825 KP0/1N-25; DIN 51826 KP	
Test Parameters	Method	Typical Values
Colour	Visual	Light Brown
Texture	Visual	Smooth/Buttery
NLGI	Scale	EP 0
Types of base oil		Semi-Synthetic
Estimated operating temperature range, deg C		-25 to 150
Consistency, worked penetration 60 strokes	D217	355 - 385
Penetration after 100,000 strokes	D217	(+5)
Dropping point, °C	D2265	>250
Four ball weld load, kgf	D2596	500
Four ball wear scar diameters, mm	D2266	0.6
Copper strip corrosion at 100°C for 24 hrs. rating	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"