



## Grease CAS M 2 Extra

High performance Grease Fortified with MoS<sub>2</sub>

### Description

Grease CAS M 2 Extra is a lubricating grease with excellent anticorrosive and lubricating properties. It has been formulated with high dropping point thickener and excellent resistance to freshwater, seawater and steam. This product contains solid lubricants (MoS<sub>2</sub>) that provides superior lubricating capacity to avoid wear and superior sealing capacity to avoid fluids or other type of contaminants to penetrate into the application.

### Applications

- Rolling mills bearings
- Feed pelleting bearings
- Floodgates bearings and mechanisms immersed in fresh or salt water
- Protection of components in marine environment

- Horns and different ships and boats mechanisms
- Mechanisms subjected to big temperature variations (-15 to 200°C)
- Chains and actuators in corrosive salty atmosphere
- Steel and aluminium wires
- Mining applications

### Benefits

- High dropping point
- Excellent anticorrosive properties in a salt water ambience
- Superior resistance to cold and hot water
- Excellent stability to mechanical work
- Great resistance to loads
- Good pumpability
- High tackiness and adhesiveness

### Typical performance data

	Test method	M 2 Extra
Colour	Visual	Greyish
Thickener	ASTM D-128	Calcium sulphonate
Base oil	ASTM D-128	Mineral
Base oil viscosity	ISO 3448	150
NLGI consistency class	DIN 51818	2
Solid lubricants	-	MoS <sub>2</sub>
Penetration at 25°C, 0.1mm	ASTM D-217	280
Penetration at 10 <sup>5</sup> W, 0.1mm	ASTM D-217	305
Dropping point, °C	ASTM D-566	>250
EMCOR corrosion test with:	DIN 51802	
• H <sub>2</sub> O distilled		0
• H <sub>2</sub> O saltwater		0
Salt spray chamber, h	ASTM B-117	1.000

All performance data on this Technical Data Sheet are indicative only and can vary during production

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Galvanized Steel corrosion 48h/120°C	ASTM D-4048	No corrosion
Water wash 80°C, %	ASTM D-1264	2
Oxidation stability 100h/100°C, kg/cm <sup>2</sup>	ASTM D-942	<-0.5
Weld Load, Kg	IP 239	>700
Wear scar diameter 1h/40Kg, mm	IP 239	<0.6
Service temperature, °C	-	-20 - 200

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