



## Description

Calcium Sulphonate is a high-performance multipurpose grease formulated with highly refined mineral base oils and thickener based on complex calcium sulphonate.

The nature of the thickening agent used gives it extraordinary anticorrosion and extreme pressure characteristics. The careful selection of additives provides good additional rust-resistance properties and mechanical stability.

## Properties

- Grease specially formulated for use in humid and highly corrosive environments due to its good anticorrosion performance (even in salt water), total insolubility and water repellence, extreme adherence and coating capacity.
- Very suitable for lubricating rolling mill parts in the steel industry and the wet and dry ends of paper machines.
- Field of application from -15 °C to 140 °C.

## Quality levels, approvals and recommendations

• DANIELI STANDARD N. 0.000.001 - REV.15\*

• DIN 51825 KP 2N-10

\*Formal approval

## Technical specifications

	UNIT	METHOD	VALUE
Consistency	NLGI		2
Colour	-	Visual	Greenish brown
Type of thickener			Calcium Sulfonate
Base oil viscosity at 40 °C	cSt	ASTM D445	220
4 Ball EP, welding load	kg	IP 239	420
4 Ball wear, print diameter (1h/40 kg)	mm	IP 239	0.40
Dropping point	°C	METTLER FP-83HT	280
Emcor corrosion test	-	DIN 51802	0-0
FAG FE-8: Wear, (B/7,5/80/120)	mg	DIN 51819-2	<10
Penetration, 25 °C, 60 strikes worked	1/10 mm	ASTM D217	280
Timken machine load test OK	lb	ASTM D2509	50

The above mentioned characteristics are typical values and should not be considered product specifications.