



## ClareTech CSX 440 NLGI 1-2

### Calcium Sulphonate Complex Grease NLGI 1-2

#### Introduction

ClareTech CSX 440 is a technologically advanced grease, formulated using over based calcium sulphonate soap thickener.

It is characterised by exceptional performance under high pressures and temperatures, with excellent resistance to water and corrosion.

Its inherent chemical and physical characteristics give superior anti-wear and extreme pressure properties meaning your assets are given long life protection in a wide range of industrial applications.

#### Applications

ClareTech CSX 440 is a heavy duty multi-purpose industrial grease, used in industries such as steel mills, pump and paper mills, metallurgy, farming and other similar processes.

#### Features and Benefits

- Extremely high dropping point
- Superior water resistance properties
- High viscosity base oil for extreme performance
- Excellent anti-oxidation and anti-corrosion properties
- Excellent pumpability
- Very high load rating

#### Typical Characteristics

<b>Worked Penetration</b>	ASTM D217	285-315
<b>Base Oil Viscosity at 40°C</b>	ASTM D445	400-440cSt
<b>Water Wash Out</b>	ASTM D1264	<1%
<b>Copper Corrosion</b>	ASTM D4048	1 (no tarnish)
<b>EMCOR (distilled water)</b>	IP 220	0
<b>4 Ball Wear Scar</b>	IP 239	<0.55mm
<b>4 Ball Weld Load</b>	IP 239	>620kg
<b>Drop Point</b>	IP 396	>250°C
<b>Oil Separation (40°C, 168 hrs)</b>	IP 121	<1%
<b>Flow pressure @ -20°C</b>	DIN51805	600mbar at -20
<b>Constant Operating Temperature Range</b>		-20°C—200°C (intermittent +200°C)
<b>Colour</b>	Visual	Beige
<b>Appearance</b>	Visual	Smooth Tacky
<b>Thickener</b>		Calcium Sulphonate Complex