



Grease Calcium Complex XL

Calcium complex based grease

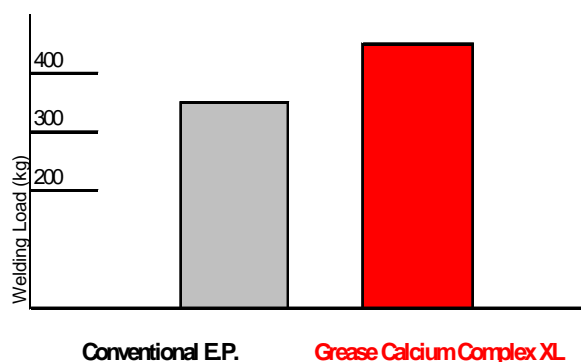
Description

Grease Calcium Complex is a calcium complex soap thickened mineral grease with high resistance to oxidation. Contains antioxidant additives package to secure high efficiency under high temperatures.

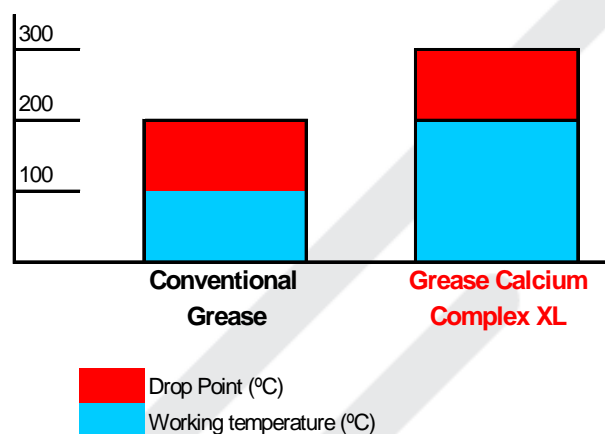
Applications

Grease Calcium Complex XL is intended for the lubrication of roll mills bearings and in general for heavy loaded mechanisms operated under temperatures and water action.

Grease Calcium Complex XL offers superior EP compared to conventional greases:



The product's working temperature and dropping are increased and enhance high temperature operation as well:



Benefits

- Excellent temperature resistance
- Excellent water resistance
- Lubricating capacity
- High dropping point
- High viscosity base oil
- Excellent water washout properties
- Good sealing capacity

Typical performance data

	Test method	XL 1	XL 2
Colour		Brown	
Thickener		Calcium complex	
Base oil nature		Mineral	
Base oil viscosity, cSt		1000	1000
NLGI class	DIN 51818	1	2
Penetration @ 25 °C, x 0,1 mm	ASTM D217	310-340	265-295
Penetration 60W, x 0,1 mm	ASTM D217	310-340	265-295

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

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Dropping point, °C	ASTM D566	250	250
4-ball wear test	IP-239		
<ul style="list-style-type: none"> Welding load, kg Wear scar diameter 1/80 kg, mm 		400 0,6	450 0,6
EMCOR corrosion test	DIN 51802	0	0
Copper corrosion, 24hrs/100 °C	ASTM D4048	1b	1b
Oxidation stability, 100 °C max., kg/cm ²	ASTM D942	0,5	0,8
Water washout @ 80 °C, %	ASTM D1264	0,5	0,3
Water resistance @ 90 °C, %	DIN 51807	0	0
Speed factor, dN		400000	300000
Operating temperatures, °C		-15 – 150	-10 – 150

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