



Grease Lithium Calcium

Multipurpose lithium calcium grease

Description

Lubricating high performance grease based on a lithium-calcium soap, highly refined mineral oil mixture, special polymers and high performance additives.

Their formulation enables the grease to be pumped through centralized systems without the usual blocking of filters and other critical parts of the system.

Additionally Grease Lithium Calcium EP provides a stable and adherent lubricant film even under high load conditions, preventing metal-to-metal contact and reducing friction and wear.

The above-mentioned properties combined with an ant-rust additive provides a complete mechanism protection and increases the product life cycle of both the grease and lubricated parts.

Grease Lithium Calcium is free of any heavy metal content such as lead, barium or antimony, as well as chlorine.

Applications

Grease Lithium Calcium has been designed to lubricate all kind of mechanisms submitted to high loads through centralized lubrication systems.

Benefits

- Good oxidation stability
- High mechanical stability
- Very high anti-wear and friction reducing properties
- High resistance to heavy loads
- Excellent anti-rust protection
- Excellent pump-ability even at low temperatures
- Outstanding water resistance properties
- High dropping point

Typical performance data

	LiCal EP 2
Thickener	Lithium-calcium
Base oil nature	Mineral
Base oil viscosity @ 40 °C, cSt	220
Colour	Light brown
NLGI class	2
Penetration @ 25 °C, 0,1mm	265-295
Dropping point, °C	>180
EMCOR corrosion test	0-1
4-ball wear test, welding load, kg	315
Copper corrosion, 24h / 100°C	1b
Water resistance 3h/90°C	0
Water washout resistance 1h/80°C, %	2
Oxidation stability, 100h/100°C, kg/cm2	0,3
Service temperature, °C	-10 – 120
Peak temperature, °C	140

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

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