



Grease Lithium Complex EH

Lithium complex grease with high base oil viscosity

Description

Grease Lithium Complex EH has been formulated according to the latest requirements of the industry. The product is very suitable for lubrication of mechanisms and bearings exposed a combination of heavy loads, water and high temperatures. Especially in these circumstances the high viscosity base oil and lithium complex thickener will give superior performance and increase bearing life and service intervals at the same time while reducing overall and maintenance costs.

Grease Lithium Complex EH is suitable for low and medium speed applications.

Applications

Grease Lithium Complex EH is suitable for use for the lubrication of bearings

operating under high loads and temperatures, heavy machinery, couplings and transmission shafts. Thanks to its excellent compatibility Grease Lithium Complex EH can be used in various metalworking operations.

Benefits

- Wide temperature range
- Very high base oil viscosity
- Peak temperature of 180 °C
- Environmentally friendly additive package
- Excellent load and shock resistance
- Enhanced adhesiveness
- Excellent sealing capacity
- Excellent water resistance

Typical performance data

	Test method	EH 1	EH 2
Colour		Brown	
Thickener		Lithium complex	
Base oil type		Mineral	
Base oil viscosity @ 40 °C, cSt		1000	1000
NLGI consistency	DIN 51818	1	2
Penetration @ 25 °C, x 0,1 mm	ASTM D217	310-240	265-295
Dropping point, °C	ASTM D566	>210	>210
Working temperatures, °C		-15 – 150	-15 – 150
4-ball wear test	IP-239		
• Welding load, kg		380	>500
• Wear scar diameter 1/80 kg, mm		0,35	0,45
Flow pressure @ -15 °C, mbar	DIN 51805	2000	2000
Water resistance 3 hrs/90 °C	DIN 51807	0	0
Copper corrosion 24hrs/100 °C	ASTM D4048	1b	1b
EMCOR corrosion test	DIN 51802	0	0

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

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