



Molub-Alloy Paste PG LF 15-1

High Performance paste for small gears

Description

Molub-Alloy Paste PG LF 15-1 is a fully synthetic Silica based paste with a Polyglycol base fluid. It is suitable for worm gear applications. It provides excellent low temperature properties as well as good EPDM compatibility.

Application

- Molub-Alloy Paste PG LF 15-1 is designed for the lifetime/extended lubrication of steel/plastic or plastic/plastic components
- Used in small gears in Electro Mechanical Power Brake systems.

Typical Characteristics

Name	Method	Units	Molub-Alloy Paste PG LF 15-1
Colour	Visual	-	White/Beige
Thickener Type	-	-	Silica
Base Oil	-	-	Polyglycol
Consistency	ISO 2137 / ASTM D217	NLGI Grade	1
Worked Penetration Grease @ 25 °C, 60 cycles	ASTM D217	1/10 mm	310 – 340
Dropping Point, Grease	ASTM D566	°C/°F	>200/>392
Base Fluid Viscosity @ 40 °C/104 °F	ISO 3104/ASTM D445	mm ² /s	13
Base Fluid Viscosity @ 100 °C/212 °F	ISO 3104/ASTM D445	mm ² /s	4
Dynamic viscosity @ 25 °C	DIN 51810 T1	mPas	900
Viscosity Index	ISO 2909/ASTM D2270	-	200
Density @ 20 °C/68 °F	IP 530	kg/m ³	1200
Oil Separation 168 h/40 °C	DIN 51817	%	5
Oil Separation 18 h/40 °C	DIN 51817	%	3
Flow Pressure (Greases) -40 °C/-40 °F	DIN 51805	hPa	200

Subject to usual manufacturing tolerances.

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