



Grease Barium Complex L 2-S

Low temperature and high speed synthetic grease

Description

Barium Complex Grease L 2/S is a complex soap thickened synthetic grease. It provides high resistance to oxidation, superior anticorrosive capacity, E.P. characteristics, good adherence to metal and good resistance to water, and resistance to vapour, acid and alkaline solutions.

Applications

Barium Complex Grease L 2/S is specially designed for high speed (600.000 rpm or 10⁶ mm per minute) bearings which operate in a wet ambience. It is also specially designed for spindles, cams, joints and turbines. Extremely suitable for

the lubrication of spindles in CNC machines. Barium Complex greases are recommended for their performance in combination with metalworking emulsions.

Benefits

- Excellent behaviour to temperatures
- Corrosion protection
- Long life grease
- Extended bearing life
- Lower grease consumption
- Extends lubrication intervals
- Good pumpability
- Excellent adhesiveness

Typical performance data

	Test method	L 2-S
Colour		Ivory
Thickener, soap type		Barium complex
Base oil nature		Synthetic
Base oil viscosity @ 40 °C, cSt		22
NLGI class	DIN-51818	2
Penetration @ 25 °C, x 0,1 mm	ASTM D217	265-295
Drop point, °C	ASTM D566	>220
Oil separation 7 days/40 °C, %	IP-121	3
Flow pressure @ -40 °C, mbar	DIN-51805	850
4-balls wear test	IP-239	
• Welding load, kg		330
• Wear scar diameter 1'40 kg, mm		0,45
EMCOR corrosion test	DIN-51802	0
Copper corrosion 24hrs/100 °C	ASTM D4048	1b
Resistance to water wash-out, 80 °C, %	ASTM D1264	1,50
Evaporation loss, weight %, 22hrs/100 °C, %	ASTM D972	0,80
SKF-ROF test, 20.000 rpm, 110 °C		L50 = 1910
Service temperatures, °C		-45 – 150

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

Matrix Specialty Lubricants BV - info@lubes-portal.com - www.lubes-portal.com