



TECHNICAL DATA SHEET

AIMOL Greasetech Barium Complex EP 2 SHS

Low temperature and high-speed synthetic grease

DESCRIPTION

AIMOL Greasetech Barium Complex EP 2 SHS is a complex soap thickened synthetic grease. It proves high resistance to oxidation, superior anticorrosive capacity, EP (Extreme Pressure) characteristics, good adherence to metal and good resistance to water, and resistance to vapour, acid and alkaline solutions.

APPLICATIONS

AIMOL Greasetech Barium Complex EP 2 SHS 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. AIMOL Greasetech Barium Complex EP 2 SHS is recommended for its performance in combination with metalworking emulsions.

BENEFITS

- ◆ Long life grease
- ◆ Extended bearing life
- ◆ Contributes to lower grease consumption
- ◆ Extends relubrication intervals
- ◆ Good pumpability
- ◆ Excellent adhesivity
- ◆ Load resistant
- ◆ Absorbs vibrations

TYPICAL FIGURES

Parameter	Test method	Greasetech Barium Complex EP 2 SHS
Colour	-	Ivory
Thickener, soap type	-	Barium complex
Base oil nature	-	Synthetic
Base oil viscosity @ 40 °C, cSt	-	22
NLGI	-	2
Penetration @ 25 °C , x 0,1 mm	ASTM D217	265-295
Drop point, °C	ASTM D566	>220
EMCOR corrosion test	DIN-51802	0
4-ball wear test		
• Welding load, kg	IP-239	>330
• Wear scar diameter 1h/40 kg, mm		<0.45
Copper strip corrosion, 24h/100 °C	ASTM D048	1b
Water washout, 80 °C, %	ASTM D1264	1.5
Oil separation 7d/40 °C, %	IP-121	<3
Flow pressure @ -40 °C, mbar	DIN 51805	850
Evaporation loss 22 hours at 100°C, % w	ASTM D972	0.80
SKF-ROF test at 20 000 rpm, 110°C		L50=1910
Working temperature range, °C	-	-45...+150

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL Greasetech Barium Complex EP 2 SHS has no adverse health effects provided it is used as directed.

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