

GREASE-PLUS BAR-COMPLEX SL 2

GREASES

324900301



LOW TEMPERATURE AND HIGH SPEED SYNTHETIC GREASE

This synthetic grease features a thickener based on complex soap and offers excellent resistance to oxidation, superior anticorrosive properties, extreme pressure (E.P) characteristics, good metal adhesion, and resistance to water, vapour, acids, and alkaline solutions. This product is specifically formulated for lubricating bearings operating in wet environments, as well as spindles, cams, joints, and turbines. It is particularly well-suited for lubricating spindles in CNC machines, and is recommended for use in conjunction with metalworking emulsions due to its exceptional performance.

CATEGORY

- Greases

BENEFITS

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

PROPERTY	METHOD	VALUE
Colour		Ivory
Thickener, soap type		Barium complex
Base oil nature		Synthetic
Base oil viscosity @ 40 °C, mm ² /s		22
Base oil viscosity @ 100 °C, mm ² /s		5
NLGI class	DIN 51 818	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 51 805	4
4-balls, Welding load, kg	IP 239	320
4-balls, Wear scar diameter 1/40 kg, mm	IP 239	0.50
EMCOR corrosion test	DIN 51 802	0
Copper corrosion 24h @ 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		-50 - 150
Speed factor		10 ⁶

All data on this technical data sheet is indicative only

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