

SETCO SSL-03 GREASE

Exclusive High Performance Grease for Precision Spindle Ball Bearings

Operating Speed: Up to 1.5 Million n·dm

SETCO SSL-03 is used in spindle bearings of machine tools, e.g. grinding, milling, CNC, and motorized precision spindles. SETCO SSL-03 is a special high performance grease exclusively manufactured by Lubcon™ for SETCO for precision high speed ball bearing applications.

TECHNICAL DATA

SETCO-SSL-03

Color		beige
Structure		pasty, homogenous
Thickener		Lithium soap
Base oil		Ester/PAO
Base oil viscosity	at +40°C	25 mm ² /s
DIN 51 562	at +100°C	6 mm ² /s
Density (20°C)	DIN 51 757	0.94 g/cm ³
Worked penetration	DIN ISO 2137	250 – 265 mm ₁₀
Consistency class	DIN 51 818	2 / 3
Dropping point	DIN ISO 2176	>250°C
Water resistance	DIN 51807	1-90
Corrosion protection (Emscor)	DIN 51802	0 – 0
Speed factor (n x d _m) - max		1 650 000
Oxidation resistance 100h at 99°C	DIN 51808	0,15 bar
Temperature range		-50°C to +120°C
short time		+140°C
FE 9-test	DIN 51 821 A/1,5/6000-120 F ₅₀	> 400 h
FE 8-test	DIN 51 819 successful tests	050-6000/5-90
Start- / Running-torque	ASTM D 1478 at -50°C	131 mNm / 106 mNm
Oil separation	DIN 51817	at 8°C 0,40%
		at 40°C 1,5%
		at 100°C 8,5%
Four ball test value	DIN 51350	2200 N / 2400 N
Noise class (MGG 11)		II / 1

Packaging (Consult SETCO for availability)

50 g tubes, 100 g tubes, 400 g cartridge
 500 g cans, 1 kg cans, 5 kg cans
 25 kg pails

