

Gun Snot Paste Lubricant

CHARACTERISTICS

The outstanding qualities of Gun Snot is its wide operating temperature range, extreme pressure and antiwear characteristics, non-migratory nature, low foreign and/or opaque particle content, high resistance to microwave energy, and its compatibility with plastic and elastomeric seals. Shelf life exceeds 10 years.

PERFORMANCE TEST	TEST METHOD	CONDITION	MIL-PRF-83261B REQUIREMENTS	TYPICAL VALUES
Temperature Range				-100°F to 450°F
NLGI No.				1
Unworked Penetration	ASTM D-1403	@ 77°F		342
Worked Penetration	ASTM D-1403	60 Strokes	270-350	348
Worked Stability	FED-STD-791 Method 313	100,000 Strokes	375 Max	349
Dropping Point	ASTM D-2265		450°F	460°F
Evaporation		22 hrs @ 400°F		4.60%
	ASTM D-2595	22 hrs @ 450°F		10.62%
Oil Separation	FED-STD-791 Method 321	30 hrs @ 400°F	15% Max	13.40%
		30 hrs @ 450°F	25.0% Max	18.50%
Water Washout	ASTM D-1264	1 hr @ 105°F	20.0% Max	2.20%
Density				1.85 gm/cc
Bomb Oxidation	ASTM D-942	100 hrs @ 250°		-1.50 psi
Dirt Count	FED-STD-791 Method 3005	10-34 microns		23/cc
		Over 35 microns		11/cc
Coef. of Friction		1,200 rpm, 90°F, 15 kg load		0.089
Load Wear Index	ASTM D-2596		90 Min	208.3
Last Non-seizure		Load/Wear Scar		None
Last Seizure		Load/Wear Scar		None
Weld Point		Load		+800 kg
Steel-on-Steel Wear	ASTM D-2266	1,200 rpm, 40 kg, 167°F, 2 hrs, 52100 Steel	1.30 mm Max	0.78 mm
		1,200 rpm, 40 kg, 167°F, 1 hr, 52100 Steel		0.65 mm
		1,200 rpm, 40 kg, 450°F, 2 hrs, M-50 Steel	1.30 mmMax	0.53 mm
High Temperature Performance	ASTM D-3336	450°F, 20,000 rpm, 5 lbs.	500 hrs Min	1,230 hrs
		450°F, 10,000 rpm, 5 lbs.	500 hrs Min	1,650 hrs
		400°F, 10,000 rpm, 5 lbs.		2,400 hrs
Low Temperature Torque	ASTM D-1478	@ -100°F,		
		Starting	5,000 gm-cm Max	2,145 gm-cm
		Running	1,000 gm-cm Max	585 gm-cm
		@ -65°F,		
		Starting	5,000 gm-cm Max	460 gm-cm
		Running	1,000 gm-cm Max	38 gm-cm
Rubber Swell	FED-STD-791 Method 3603			
Buna "N"		168 hrs @ 158°F		4.20%
Viton "B"		72 hrs @ 275°F		6.80%
Viton "B"		168 hrs @ 158°F		0.80%
Fluorosilicone		168 hrs @ 300°F		17.40%
Fluorosilicone		168 hrs @ 158°F		5.80%
Neoprene		72 hrs @ 300°F		12.40%
Neoprene		168 hrs @ 158°F		11.80%
T-2		72 hrs @ 300°F		23.50%

Gun Snot Inc.
 POB 600983
 Fruit Cove, FL 32260-0983
 904-230-0944
 904-287-2281 (f)
scott@gunsnot.com
www.gunsnot.com