

TRIBOLUBE[®]-18

Synthetic Hydrocarbon Greases

CHARACTERISTICS

Tribolube-18 was designed for heavily loaded sliding and rolling applications. As a result, the steel-on-steel wear test data is reported with a 75 kg load rather than the standard 40 kg load. One customer who has now converted his entire plant to Tribolube-18 reported a reduction of electric power consumption by 12% and the operating temperature by 20°F when it was introduced to a high speed can decorating machine. Much lower parts wear rates were observed with corresponding less machine down time.

APPLICATIONS

Tribolube-18 is recommended for heavily loaded cams, slides, actuators, etc.

PERFORMANCE TEST	TEST METHOD	CONDITION	TYPICAL VALUES
Temperature Range			-80°F to 400°F
NLGINo.			2
Unworked Penetration	ASTMD-217	@ 77°F	270
Worked Penetration	ASTMD-217	60 Strokes	274
Worked Stability	FED-STD-791 Method 313	100,000 Strokes	280
Evaporation	ASTMD-2595	72 hrs @ 350°F	6.4%
Oil Separation	FED-STD-791 Method 321	30 hrs @ 350°F	4.4%
Low Temperature Torque	ASTMD-1478	@ -65°F Starting	2,893 gm-cm
		running	1,105 gm-cm
Steel-on-Steel Wear	ASTMD-2266	1,200 rpm, 75 kg, 2 hrs, 52100 Steel	0.84 mm
Load Wear Index	ASTMD-2596		69
Last Non-Seizure		Load/Wear Scar	80 kg/0.41 mm
Last Seizure		Load/Wear Scar	400 kg/3.12 mm
Weld Point		Load	500 kg
Rust Preventive Properties	ASTMD-1743	48 hrs @ 125°F	1
High Temperature Performance	ASTMD-3336	350°F, 10,000 rpm, 5 lbs.	361 hrs.
		350°F, 10,000 rpm, 70 lbs.	420 hrs.

Extending Component Life with Tribolube Synthetic Lubricants[®]