

TRIBOLUBE[®]-L2

Synthetic Lubricating Oil

CHARACTERISTICS

Tribolube-L2 is a light viscosity, oxidatively stable, corrosion resistant, wide temperature range synthetic lubricating oil. It is compatible with most plastic, elastomeric, and rubber seals, gaskets, and O-rings, except EPDM rubber.

APPLICATIONS

This synthetic lubricating oil has a wide range of uses such as in gears, gear boxes, and various instruments including tachometer generator gyros, gimbals, and other applications involving light to heavy loads, small to wide amplitudes of oscillation, high rotational speeds, and where very low foaming and surface adherence is a requirement.

PERFORMANCE TEST	TEST METHOD	CONDITION	TYPICAL VALUES
Temperature Range			-75°F to 350°F
SAE No.			< 0W
ISO VG	ASTM D-2422		22
Viscosity	ASTM D-445	@ 210°F	39.0 SUS/3.9 cSt
		@ 100°F	95.0 SUS/19.6 cSt
		@ 0°F	338 cSt
		@ -40°F	6,591 cSt
		@ -65°F	21,300 cSt
Viscosity Index	ASTM D-2270		96
Evaporation	ASTM D-2595	6.5 hrs @ 400°F	12.0%
Flash Point	ASTM D-92		405°F
Fire Point	ASTM D-92		450°F
Pour Point	ASTM D-97		-75°F
Load Wear Index	ASTM D-2783		42.71
Last Non-Seizure		Load/Wear Scar	100 kg/0.43 mm
Last Seizure		Load/Wear Scar	160 kg/2.14 mm
Weld Load		Load	200 kg
Steel-on-Steel Wear	ASTM D-4172	1200 rpm, 40 kg, 52100 Steel, 1 hr	0.66 mm
Specific Gravity	ASTM D1298	@ 60°/60°F	0.8413
API Gravity	ASTM D-1298		36.7
Rust Preventive Properties	ASTM D-665	Procedure A	Pass
		Procedure B	Pass
Oxidation Test	ASTM D-2893	312 hrs @ 203°F	
		Viscosity Incr. @ 212°F	0.53%
		Precipitation No., Orig.	0.0
		Precipitation No., Orig.	0.2 ml
Foam Test	ASTM D-892	Sequence 1 (mls @ 5 min air/mls settling)	25/0 @ 12 sec
		Sequence 2 (mls @ 5 min air/mls settling)	10/0 @ 4 sec
		Sequence 3 (mls @ 5 min air/mls settling)	20/0 @ 6 sec
Falex EP Test	ASTM D-3233	Last Pass Load	+4,500 lbs
		Conv. to Contact Pressure	+210,000 psi