

- ✓ Chemically inert & non flammable
- ✓ Saturated
- ✓ Hydrogen-free
- ✓ Low molecular weight polymers of chlorotrifluoroethylenes (CTFE's)
- ✓ High thermal stability & dielectric strength
- ✓ Compatible with chlorine, oxygen, hydrogen peroxide, red fuming nitric acid and other oxidizing agents

Specifications:

Grade:

	FS-5	MO-10	S-30	T-80	HO-125	LG-160
Viscosity, cp						
@ 100°F/38°C	5.5-17	31±10	200±50	—	—	—
@ 160°F/71°C	—	—	—	80±15	125±20	160±15
Density						
@ 100°F/38°C	1.865±.025	1.895±.015	1.925±.010	—	—	—
@ 160°F/71°C	—	—	—	1.895±.010	1.902±.005	1.908±.005
Acidity, pH*	6.0-7.5	6.0-7.5	6.0-7.5	6.0-7.5	6.0-7.5	6.0-7.5
*pH of a water extract						

FLUOROLUBE® OIL PRODUCTS					FLUOROLUBE® GREASE PRODUCTS										
Item #	1 LB		4 LBS		16 LBS		80 LBS		Item #	1 LB		5 LBS		80 LBS	
FS-5 (120465)	1 lb	120546	4 lbs	120547	16 lbs	120549	80 lbs	120550	GR-290 (120464)	1 lb	120543	5 lbs	120544	80 lbs	120545
	4 x 1 lb	120546-4	4 x 4 lbs	120547-4						4 x 1 lb	120543-4	4 x 5 lbs	120544-4		
	12 x 1 lb	120546-12								12 x 1 lb	120543-12				
MO-10 (120466)	1 lb	120551	4 lbs	120552	16 lbs	120554	80 lbs	120555	GR-362 (120460)	1 lb	120533	5 lbs	120534	80 lbs	120535
	4 x 1 lb	120551-4	4 x 4 lbs	120552-4						4 x 1 lb	120533-4	4 x 5 lbs	120534-4		
	12 x 1 lb	120551-12								12 x 1 lb	120533-12				
S-30 (120467)	1 lb	120556	4 lbs	120557	16 lbs	120559	80 lbs	120560	GR-375 (120484)	1 lb	120609	5 lbs	120610	80 lbs	120611
	4 x 1 lb	120556-4	4 x 4 lbs	120557-4						4 x 1 lb	120609-4	4 x 5 lbs	120610-4		
	12 x 1 lb	120556-12								12 x 1 lb	120609-12				
T-80 (120468)	1 lb	120561	4 lbs	120562	16 lbs	120563	80 lbs	120564	GR-470 (120461)	1 lb	120536	5 lbs	120537	Not Available	
	4 x 1 lb	120561-4	4 x 4 lbs	120562-4						4 x 1 lb	120536-4	4 x 5 lbs	120537-4		
	12 x 1 lb	120561-12								12 x 1 lb	120536-12				
HO-120 (120469)	1 lb	120565	4 lbs	120566	16 lbs	120573	80 lbs	120568	GR-544 (120462)	1 lb	120538	5 lbs	120539	80 lbs	120540
	4 x 1 lb	120565-4	4 x 4 lbs	120566-4						4 x 1 lb	120538-4	4 x 5 lbs	120539-4		
	12 x 1 lb	120565-12								12 x 1 lb	120538-12				
LG-160 (120470)	1 lb	120569	4 lbs	120570	16 lbs	120742	Not Available		GR-660 (120463)	1 lb	120541	5 lbs	120542	Not Available	
	4 x 1 lb	120569-4	4 x 4 lbs	120570-4						4 x 1 lb	120541-4	4 x 5 lbs	120542-4		
	12 x 1 lb	120569-12								12 x 1 lb	120541-12				

GET IN TOUCH

10003 Woodloch Forest Dr.

The Woodlands, Texas 77380

customerservice@gabrielchem.com

Phone: (866) 800-2436 (toll free)

www.gabrielchem.com

www.fluorolube.com

APPLICATIONS:

- Instrumentation** - Fill or damping fluid and lubricant in instrument or transmitter applications requiring compatibility with corrosive and hazardous chemicals; i.e., chlorine and oxygen service
- Valves** - Lubricant for valve stems and packings in applications where hydrocarbon based materials would react with various chemicals.
- Compressors** - Lubricant in compressors used in corrosive or oxidizing chemical environments where other lubricants would fail.
- Metal Working** - Metals lubricant used to reduce friction during the drawing of wire, filaments and tubing. Minimizes chattering, necking and seizing at the drawing surfaces of tungsten, tantalum, beryllium, molybdenum, columbium (niobium), vanadium and chromium.
- Nuclear Service** - Approved rating for use in nuclear service.
- Heat Transfer** - Good heat transfer properties combined with chemical compatibility.
- Oxygen Service** - Meets Military Specification MIL-C-5542 for use with oxygen.

Thermal Stability:

Thermal stability of the FLUOROLUBE® Lubricants is between 300° and 600° F (150° - 315° C) depending on the duration of heating

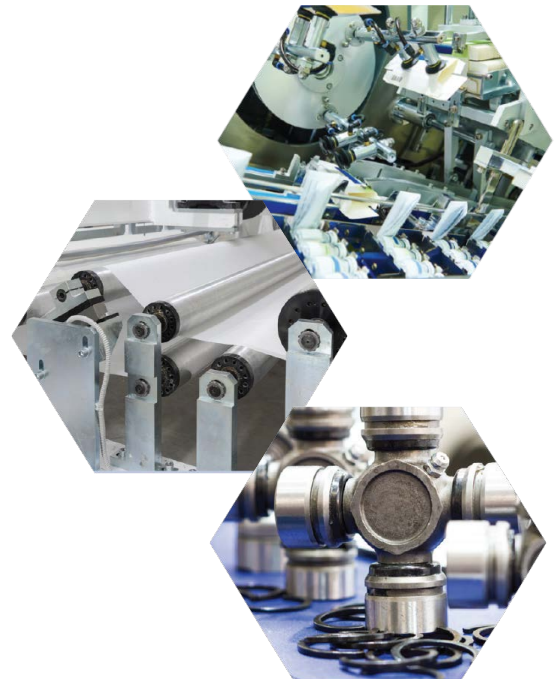
Thermal stability is affected by the presence of metals. High temperature uses of approximately 300° F (150° C) should be evaluated before field application.

FLUOROLUBE® Oils consist of about 80% combined fluorine and chlorine and are nonflammable.

Precautionary Information:

CAUTION: Do not use on aluminum or magnesium parts when heavy friction or galling are possible. Detonation can occur when FLUOROLUBE® Oils are allowed to contact these reactive metals free of their oxide coating in confined spaces and under heavy loads or high pressure.

FLUOROLUBE® Oils may react violently with sodium and potassium metals, amines, hydrazine, liquid fluorine and liquid chlorine trifluoride.



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