



FLUOROLUBE

FLUOROLUBE® OILS & GREASES

A safe AND slick way to protect metallic surfaces,
manufactured by [Gabriel Chemical](#).

- ✓ 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 1205742-4			
	12 x 1 lb 120569-12									12 x 1 lb 120541-12					

**GET IN TOUCH
WITH GABRIEL**

388 South Main Street

Akron, OH 44311

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

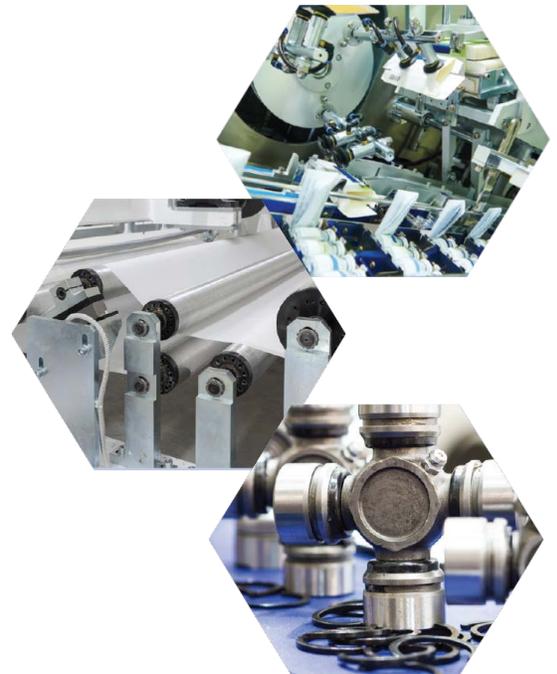
Thermal stability is affected by the presence of metals. High temperature uses of approximately 300° F (150° C) should be evaluated before field application.

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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