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 chlorotrifluoloroethylenes (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

Item #	1 LB	4 LBS	16 LBS	80 LBS
FS-5 (120465)	1 lb 120546	4 lbs 120547	16 lbs 120549	80 lbs 120550
	4 x 1 lb 120546-4	4 x 4 lbs 120547-4		
	12 x 1 lb 120546-12			
MO-10 (120466)	1 lb 120551	4 lbs 120552	16 lbs 120554	80 lbs 120555
	4 x 1 lb 120551-4	4 x 4 lbs 120552-4		
	12 x 1 lb 120551-12			
S-30 (120467)	1 lb 120556	4 lbs 120557	16 lbs 120559	80 lbs 120560
	4 x 1 lb 120556-4	4 x 4 lbs 120557-4		
	12 x 1 lb 120556-12			
T-80 (120468)	1 lb 120561	4 lbs 120562	16 lbs 120563	80 lbs 120564
	4 x 1 lb 120561-4	4 x 4 lbs 120562-4		
	12 x 1 lb 120561-12			
HO-120 (120469)	1 lb 120565	4 lbs 120566	16 lbs 120573	80 lbs 120568
	4 x 1 lb 120565-4	4 x 4 lbs 120566-4		
	12 x 1 lb 120565-12			
LG-160 (120470)	1 lb 120569	4 lbs 120570	16 lbs 120742	Not Available
	4 x 1 lb 120569-4	4 x 4 lbs 120570-4		
	12 x 1 lb 120569-12			

FLUOROLUBE® GREASE PRODUCTS

Item #	1 LB	5 LBS	80 LBS
GR-290 (120464)	1 lb 120543	5 lbs 120544	80 lbs 120545
	4 x 1 lb 120543-4	4 x 5 lbs 120544-4	
	12 x 1 lb 120543-12		
GR-362 (120460)	1 lb 120533	5 lbs 120534	80 lbs 120535
	4 x 1 lb 120533-4	4 x 5 lbs 120534-4	
	12 x 1 lb 120533-12		
GR-375 (120484)	1 lb 120609	5 lbs 120610	80 lbs 120611
	4 x 1 lb 120609-4	4 x 5 lbs 120610-4	
	12 x 1 lb 120609-12		
GR-470 (120461)	1 lb 120536	5 lbs 120537	Not Available
	4 x 1 lb 120536-4	4 x 5 lbs 120537-4	
	12 x 1 lb 120536-12		
GR-544 (120462)	1 lb 120538	5 lbs 120539	80 lbs 120540
	4 x 1 lb 120538-4	4 x 5 lbs 120539-4	
	12 x 1 lb 120538-12		
GR-660 (120463)	1 lb 120541	5 lbs 120542	Not Available
	4 x 1 lb 120541-4	4 x 5 lbs 1205742-4	
	12 x 1 lb 120541-12		

GET IN TOUCH WITH GABRIEL

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www.fluorolube.com

FLUOROLUBE

APPLICATIONS:

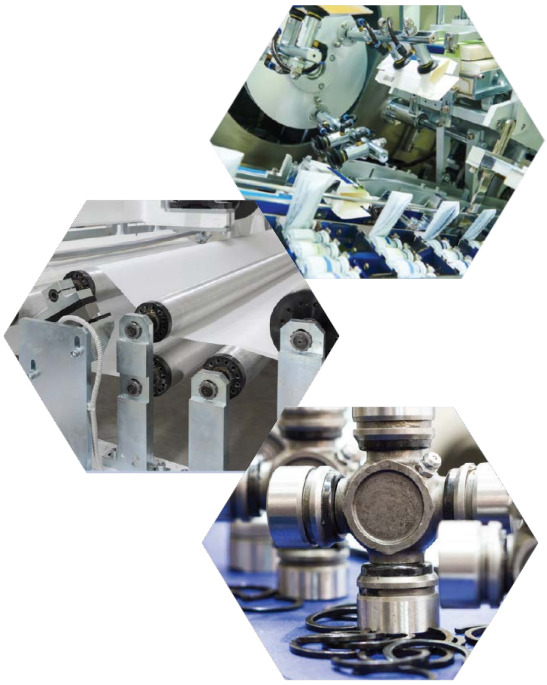
Instrumentation	-	Fill or damping fluid and lubricant in instrument or transmitter applications requiring compatibility with corrosive and hazardous chemicals; i.e., chlorine and oxygen service
Valves	-	Lubricant for valve stems and packings in applications where hydrocarbon based materials would react 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 Specificaton 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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