



CHRISTO-LUBE MCG 1066®

CHRISTO-LUBE® MCG 1066 is insoluble in most solvents, non-reactive with strong acids and alkalis, compatible with plastics, elastomers and most metals, and has a wide operating temperature range. Because of its unique properties, CHRISTO-LUBE® MCG 1066 can be used in many areas of high technology including damping, hydraulic, and heat transfer fluids, lubricating oil. It can also be used in environments of extreme corrosiveness, oxidation and radiation where conventional oils would fail to function.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		PFPE
Temperature Service Range (°C)		-54 to 149
Specific Gravity (Mohr Westphal)	20°C	1.88 g/ml
Surface Tension (ASTM D-1331)	20°C	19 dynes/cm
Vapor Pressure (Knudsen)	149°C	1.3 mm Hg
Flash and Fire Point (ASTM D-92)		None
Refractive Index (ASTM D-1218)	20°C	1.295
Autoignition Temperature (ASTM D-2155)		Non-flammable
Specific Heat	38°C	0.24 cal/g•°C
LOX Impact Sensitivity (ASTM D-2512)	20 Drops @43.3"	No Reactions
Evaporation (ASTM D2595)	22h at 121°C	9.0%
Copper Corrosion (FED-STD-791, Method 5309)		1a