



## CHRISTO-LUBE<sup>®</sup> MCG 153MS

ChristoLube MCG 153MS is a wide temperature capable perfluoropolyether grease developed for use in high temperature with high load applications. It contains molybdenum disulfide for extreme pressure capability and is non-reactive with most chemicals, strong acids, fuels and solvents. Also, it is compatible with most plastics and elastomers.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
<b>Type</b>		PFPE
<b>Temperature Service Range (°C)</b>		-30 to 250
GREASE CHARACTERISTICS		
<b>Thickener</b>		PTFE
<b>Color</b>		Black
<b>Appearance</b>		Smooth
<b>NLGI Grade</b>		2 (255-285)
<b>Penetration</b> (ASTM D217 / DIN 51804-T1)	Unworked	268
	Worked	60X 266
<b>Dropping Point (°C)</b> (ASTM D2265 / DIN ISO 2176)		256
<b>Oil Separation</b> (ASTM D6184)	24h at 100°C	1.65%
<b>Oil Separation</b> (ASTM D6184)	24h at 149°C	4.27%
<b>Evaporation</b> (CTM-1)	24h at 100°C	0.028%
<b>Evaporation</b> (CTM-1)	24h at 149°C	0.13%
<b>Specific Gravity</b> (CTM-2)	25°C	2.001
<b>Four Ball Wear</b> (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>r</sub>	0.82mm
	Dynamic Coefficient of Friction (steel on steel)	0.103