



RADCOLUBE FOG OIL

700 Kingsland Drive
PO Box 1928
Batavia, IL 60510
Phone: (630) 232-7966
Fax: (630) 232-7968
www.Radcoind.com

MILITARY FLUIDS

MIL-PRF-12070E(1) RADCOLUBE® FOG OIL (FOG OIL)

Radcolube® FOG OIL intended For applications requiring one grade and type of fog oil with Military Symbol SGF-2 and NATO Code F-62. A refined mineral oil specifically prepared for use in smoke generators, characterized by its ability to be dispersed into the air as extremely small particles in the form of a smoke.

Qualification Number: N/A
Qualification Date: N/A
NATO CODE: F-62
ISO 9001:2015 Certification Number: C2018-00035

National Stock Numbers Available From Radco
9150-00-261-7895 55-Gallon Drums

<u>CHARACTERISTICS</u>	<u>REQUIREMENT</u>	<u>Typical Results</u>	<u>TEST METHOD</u>
Appearance	Conform	Conforms	Visual
Flash point, °C minimum	160	180	ASTM D92
Viscosity, Kinematic at 100°C (mm ² /s)	3.40 - 4.17	3.673	ASTM D445
Neutralization number, mg KOH/g maximum	0.1	0.01	ASTM D974



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Pour point, °C maximum	-40	-48	ASTM D974
Ramsbottom carbon, %volume maximum	0.2	0.089%	ASTM D524
Water and sediment, %volume maximum	0.06	0.002%	ASTM D1796
Mutagenicity	Conform	Conforms	ASTM E1687
Carcinogenicity	Conform	Conforms	Paragraph 4.5.3.1
White oil purity, units maximum	200	51	FDA 21 CFR Part 3620.178(B)

Manufacturing Location: Batavia IL, 60510