



RADCOLUBE 6081 GR1010

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MILITARY FLUIDS

MIL-PRF-6081E

RADCOLUBE® 6081

LUBRICATING OIL

(Lubricating Oil, Jet Engine)

Radcolube® 6081 (Grade 1010) is a petroleum-based, jet engine lubricating oil. The 1010 Grade is intended for use in specific models of military jet engines.

Qualification Number: 95B

Qualification Date: 14 July 2014

NATO CODE: O-133

ISO 9001:2015 Certification Number: C2018-00035

National Stock Numbers Available From Radco

9150-00-273-2388 Quart
9150-00-273-8807 Gallon
9150-00-231-6676 55 Gallon Drum
9150-00-985-7031 Bulk

CHARACTERISTICS	REQUIREMENT	TYPICAL RESULTS	TEST METHOD
Kinematic Viscosity, Centistokes			
@ 37.8 °C, minimum	10.0 cSt	11.3 cSt	ASTM D455
@ -40 °C, maximum	3000 cSt	2395 cSt	ASTM D2532
ASTM Color	5.5 max	L0.5	ASTM D1500
Copper Corrosion	1 max	1A	ASTM D130



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Flash Point, °F, minimum	270 °F	319 °F	ASTM D93
Neutralization Number, maximum	0.10 mg KOH/gm	0.08 mg KOH/gm	ASTM D974
Pour Point, °F, maximum	<-70 °F	-75°F	ASTM D97
Water Content	None	<100 ppm	ASTM D6304
Solid Particle Contamination per 100 ml, microns			
5 to 15	None	<2,500	FED-STD-791D 3012
16 to 25	None	<300	FED-STD 791D 3012
26 to 50	None	<50	FED-STD 791D 3012
51 to 100	None	<10	FED-STD 791D 3012
>100	None	<10	FED-STD 791D 3012