

MIL-PRF-6083G

RADCOLUBE® RHP6083

(Hydraulic Fluid, Petroleum Base, For Preservation and Operation)

RADCOLUBE® RHP6083 military-qualified, rust-inhibited petroleum hydraulic fluid consisting of synthetic hydrocarbon base oils and additives. The fluid is used both as a preservative for hydraulic systems and components as well as being an operational fluid. RADCOLUBE® RHP6083 demonstrates excellent hydraulic properties, oxidative stability and rust protection in both military and industrial/commercial applications.



**RADCO
INDUSTRIES**

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RHP6083
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CHARACTERISTICS

	REQUIREMENT	TYPICAL RESULTS	TEST METHOD
Kinematic Viscosity, Centistokes			
@ 40° C, Minimum	13 cSt	17.7 cSt	ASTM D455
@ -40° C, Maximum	800 cSt	570cSt	ASTM D455
@ -54° C, Maximum	3,500 cSt	2,950 cSt	ASTM D455
Flash Point, -° C , minimum	82° C	96° C	ASTM D93
Neutralization Number, maximum	0.20 mg KOH/g	0.18 mg KOH/g	ASTM D664
Pour Point, °C maximum	-59° C	-78° C	ASTM D97
Water Content	500 ppm	128 ppm	ASTM D 6304
Solid Particle Contamination per 100ml, microns			
5 to 25	10,000 MAX	4670	FED STD 791D 3012
26 to 50	250 MAX	165	FED STD 791D 3012
51 to 100	50 MAX	30	FED STD 791D 3012
> 100	10 MAX	50	FED STD 791D 3012
Specific Gravity, @ 15.6° C	REPORT	0.876	ASTM D 1298

QUALIFICATION NUMBER:
 H-6062

QUALIFICATION DATE:
 09 AUGUST 2016

NATO CODE: C-635

ISO 9001:2015 Certification Number: C2018-00035

NATIONAL STOCK NUMBERS

AVAILABLE FROM RADCO
 9150-00-935-9807 QUART
 9150-00-935-9808 GALLON
 9150-00-935-9809 5 GALLON PAIL
 9150-00-935-9810 55 GALLON DRUM

MANUFACTURING LOCATION:
 La Fox, IL 60147