

# 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**

	<b>REQUIREMENT</b>	<b>TYPICAL RESULTS</b>	<b>TEST METHOD</b>
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

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