



700 Kingsland Drive
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Batavia, IL 60510
Phone: (630) 232-7966
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www.Radcoind.com

MILITARY FLUIDS

MIL-PRF-5606H(3) RADCOLUBE® RHP5606 HYDRAULIC FLUID

(Hydraulic Fluid, Petroleum Base, Aircraft, Missile, and Ordinance)

Radcolube® RHP5606 is a petroleum-based, non-synthetic hydraulic fluid. The fluid is used in a variety of hydraulic systems requiring an operational fluid in the -54°C to 135°C temperature range. Radcolube® RHP5606 offers excellent hydraulic properties, oxidative stability, and anti-wear protection in both military and industrial/commercial applications. Military Symbol OHA

NOTE: THIS FLUID IS INACTIVE FOR NEW MILITARY DESIGN AFTER 29 MAR 1996.

Qualification Number: AFPET/PTPT 14-015

Qualification Date: 16 September 2014

NATO CODE: H-515

ISO 9001:2008 Certification Number: C2015-00068

National Stock Numbers Available From Radco

9150-00-252-6383	Quart
9150-00-223-4134	Gallon
9150-00-082-7524	5 Gallon Pail
9150-00-265-9408	55 Gallon Drum

CHARACTERISTICS	REQUIREMENT	TYPICAL RESULTS	TEST METHOD
Kinematic Viscosity, Centistokes			
@ 40 °C, minimum	13.2 cSt	15.7 cSt	ASTM D455
@ 100 °C, minimum	4.90 cSt	5.8 cSt	ASTM D455



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@ -40 °C, maximum	600 cSt	458 cSt	ASTM D455
@ -54 °C, maximum	2500 cSt	2305 cSt	ASTM D455
Flash Point, °C, minimum	82 °C	92 °C	ASTM D93
Neutralization Number, maximum	0.20 mg KOH/gm	0.12 mg KOH/gm	ASTM D664
Pour Point, °C, maximum	-60 °C	< -65 °C	ASTM D5949
Water Content	< 100 ppm	50 ppm	ASTM D6304
Solid Particle Contamination per 100 ml, microns			
5 to 15	10,000 max	<3,500	FED-STD-791D 3012
16 to 25	1,000 max	<400	FED-STD 791D 3012
26 to 50	150 max	<100	FED-STD 791D 3012
51 to 100	20 max	0	FED-STD 791D 3012
>100	5 max	0	FED-STD 791D 3012

Manufacturing Location: LaFox IL 60147