



# RADCOLUBE® CLP TDS

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

## MILITARY FLUIDS(TDS)

# MIL-PRF-63460F TY:A

## RADCOLUBE® CLP

(CLEANER, LUBRICANT, AND PRESERVATIVE)

**RADCOLUBE® CLP** is for cleaning, lubricating and short-term preservation of small and large caliber military weapons, operating in the temperature range of -51 to + 71 Degrees C (-60 to +160 Degrees F). Meets MIL-PRF-63460F TY:A, NATO Code Number S-758.

**CLEANER:** Formulated to keep small and large caliber weapons performing in the harshest conditions. Exceeds U.S. Government CLP military specifications, approved for use in extreme environments including cold, salt, and dust.

**LUBRICANT:** Helps weapons perform continuously at maximum firing rate without incident. Proven in extreme conditions with a fire rate of 650 rounds/min with zero stoppages.

**PRESERVATIVE:** Trusted by the U.S. Military and approved by the U.S. Government to keep their weapons battle ready. Let RADCOLUBE CLP help protect your weapon.

Qualification Number: AR-16-10

Qualification Date: 3-October-2016

Military Symbol: CLP

ISO 9001:2015 Certification Number: C2018-00035

### National Stock Numbers Available From Radco

9150-01-102-1473	0.5oz Bottle with Twist Cap
9150-01-079-6124	4oz Bottle with Twist Cap
9150-01-054-6453	1 Pint Bottle with Trigger Sprayer
9150-01-327-9631	1 Liter Bottle with Trigger Sprayer
9150-01-053-6688	1 Gallon Jug

<u>Property</u>	<u>Requirement</u>	<u>Result</u>	<u>Verification</u>
<b>Graphite content</b>	None	None	Paragraph 4.1.2
<b>Ozone depleting substances (ODSs) content</b>	None	None	Paragraph 4.2.2
<b>Toxicity and hazardous materials content</b>	None	None	Paragraph 4.2.3



# RADCOLUBE® CLP TDS

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

<b>Color and appearance</b>	Pass	Pass	Paragraph 4.2.4
<b>Flash Point, minimum (min)</b>	65°C (149°F)	188°C (370°F)	ASTM D92
<b>Pour Point, maximum (max)</b>	-59°C (-74°F)	-62°C (79.6°F)	ASTM D97
<b>Viscosity, Kinematic, cSt</b> (with solvent) at 40°C (104°F), min (with solvent evaporated) at -40°C (-40°F), max	14.0 5,000	14.9 2,700	ASTM D445 ASTM D445; D972
<b>Wear Preventive Characteristics, mm max</b>	0.8	0.64	ASTM D4172
<b>Load Carrying Capacity, pounds min</b>	500	Pass	ASTM D5620
<b>Corrosion Production, mg/cm<sup>2</sup> max</b> Aluminum Brass Steel Cadmium Copper Magnesium Zinc	0.2 mg/cm <sup>2</sup> 1.0 mg/cm <sup>2</sup> 1.5 mg/cm <sup>2</sup> 1.5 mg/cm <sup>2</sup> 0.5 mg/cm <sup>2</sup> 1.5 mg/cm <sup>2</sup>	0.00 -0.01 -0.01 -0.04 0.00 0.02	Paragraph 4.3.1
<b>Chemical Agent Detector Paper</b>	Pass	Pass	Paragraph 4.3.2
<b>Humidity Resistance after 900 hours</b>	Pass	Pass	ASTM D1748
<b>Salt-spray Resistance after 100 hours</b>	Pass	Pass	ASTM D1748
<b>Water Displacement/Stability</b>	Pass	Pass	FTM <sup>1</sup> 3007
<b>Firing Residue Removal, min</b>	40%	Pass	Paragraph 4.5.1
<b>Cold Temperature - Weapons Firing</b>	Pass	Pass	Paragraph 4.5.2.6
<b>Sand/dust environments - Weapons Firing</b>	Pass	Pass	Paragraph 4.5.2.7
<b>Salt-spray environment - Weapons Firing</b>	Pass	Pass	Paragraph 4.5.2.7

**Manufacturing Location: Batavia IL 60510**