



MIL-PRF-63460F TY: A RADCOLUBE® CLP

RADCOLUBE® CLP GUN OIL is for cleaning, lubricating, and short-term preservation of small and large caliber military weapons, operating in the temperature range of -51° to +71° C (-60° to +160° F). DOD Approved and Qualified.

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/minute 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 GUN OIL help protect your weapon.

AMERICAN MADE MILITARY GRADE



Qualification Number: AR-16-10

Qualification Date: 3 October 2016

Nato Code: S-758 Military Symbol: CLP

ISO 9001:2015 Certification No: C2021-00038

Manufactured: Batavia, IL 60510 Cage: 6ZS16

Shelf Life: 36 Months from DOM

NATIONAL STOCK NUMBERS (NSN)

9150-01-102-1473	0.5 OZ Bottle Twist Cap
9150-01-079-6124	4 OZ Bottle Twist Cap
9150-01-054-6453	PINT Bottle with Sprayer
9150-01-327-9631	LITER Bottle with Sprayer
9150-01-053-6688	GALLON Jug

CHARACTERISTICS	REQUIREMENT	TYPICAL RESULTS	TEST METHOD
Graphite content	None	None	Paragraph 4.1.2
Ozone depleting substances (ODSs) content	None	None	Paragraph 4.2.2
Toxicity and hazardous materials content	None	None	Paragraph 4.2.3
Color and appearance	Pass	Pass	Paragraph 4.2.4
Flash Point, minimum (min)	65°C (149°F)	210°C (410°F)	ASTM D92
Pour Point, maximum (max)	-59°C (-74°F)	≤-63°C (≤81°F)	ASTM D97
Viscosity, Kinematic, cSt (with solvent) at 40°C (104°F), min	14.0	14.4	ASTM D445
Viscosity, Kinematic, cSt (with solvent evaporated) at -40°C (-40°F), max	5,000	2,790	ASTM D445; D972
Wear Preventative Characteristics, mm max	0.8	0.64	ASTM D4172
Load Carrying Capacity, pounds min	500	Pass	ASTM D5620
Corrosion Production, mg/cm ² max			Paragraph 4.3.1
Aluminum	0.2 mg/cm ²	0.00	
Brass Steel	1.0 mg/cm ²	-0.01	
Cadmium	1.5 mg/cm ²	-0.01	
Copper	1.5 mg/cm ²	-0.04	
Magnesium	0.5 mg/cm ²	0.00	
Zinc	1.5 mg/cm ²	0.02	
Chemical Agent Detector Paper	Pass	Pass	Paragraph 4.3.2
Humidity Resistance after 900 hours	Pass	Pass	ASTM D1748
Salt-spray Resistance after 100 hours	Pass	Pass	ASTM B117
Water Displacement/Stability	Pass	Pass	FTM 3007
Firing Residue Removal, min	40%	Pass	Paragraph 4.5.1
Cold Temperature - Weapons Firing	Pass	Pass	Paragraph 4.5.2.6
Sand/dust environments - Weapons Firing	Pass	Pass	Paragraph 4.5.2.7
Salt-spray environment - Weapons Firing	Pass	Pass	Paragraph 4.5.2.7