



**TYPICAL PROPERTIES**

**Mil - PRF 63460 E Amendment 4**

**ETS WEAPON OIL 967**

ASTM D92 / D56 Flash Point, COC	176 °C
ASTM D97 Pour Point (-59°C max.)	- 69 °C
DIN 51757 Specific Gravity / Desity (20 °C)	0,870g/cm3
ASTM D445 Kinematic Viscosity @ 40 °C (without solids 14 cSt. Min)	18.10 cSt.
ASTM D445 Kinematic Viscosity at -40 °C (without solids and solvent 5,000 cSt. max)	
ASTM D972 Evaporation Method:	3.825 cSt.
Dish Evaporation Method:	3.953 cSt.
FTM-5329 Humidity Cabinet @900 hrs. Rust Resistance 490C. 100% (No more than 3 spots, none of wich shall exceed 1mm, on all three panels combined)	Pass: no corrosion
ASTM D4172B Wear Preventative Characteristics (0.80 max.) Shell 4-Ball Wear, 40kg, 1200rpm, 1hr. @ 75°C	Run 1: 0.39 mm Run 2: 0.38 mm Run 3: 0.38 mm
FTM-3007 Water Displacement and Stability (No evidence of rust spots, stainingor pitting) Compound Water Mixture	Run 1: Pass: no corrosion Run 2: Pass: no corrosion
Falex Load Carrying Capacity, 750 lb Jaw Load	Pass
Salt Spray Corrosion Resistance	Pass
PLTL- 104 3.3.1 Corrosion Production Test, 7 days @54°C , 168 hrs	Pass
➤ Zinc Weigh Change (1.5 mg/cm2 max.)	0.000 mg/cm2
Visual (no pitting, etching, or dark discoloration)	Conforms
➤ Aluminium Weigh Change (0.2 mg/cm2 max.)	-0.003 mg/cm2
Visual (no pitting, etching, or dark discoloration)	Conforms
➤ Brass Weigh Change (1.0 mg/cm2 max.)	-0.017 mg/cm2
Visual (no pitting, etching, or dark discoloration)	Conforms
➤ Steel Weigh Change (0.2 mg/cm2 max.)	-0.008 mg/cm2
Visual (no pitting, etching, or dark discoloration)	Conforms
➤ Copper Weigh Change (1.5 mg/cm2 max.)	-0.231 mg/cm2
Visual (no pitting, etching, or dark discoloration)	Conforms
➤ Magnesium Weigh Change (0.5 mg/cm2 max.)	-0.003 mg/cm2
Visual (no pitting, etching, or dark discoloration)	Conforms
➤ Cadmium Weigh Change (1.5 mg/cm2 max.)	-0.008 mg/cm2
Visual (no pitting, etching, or dark discoloration)	Conforms
Low Temperature Residue and Fluidity	Pass
Reactivity with Chemical Agent Detector	Pass
M8 detector	Pass
M9 detector	Pass



**NATO STOCK NUMBER (NSN)**  
Nato Code : S-761  
NSN: 9150-01-364-6442 bottle 120 ml  
NSN: 9150-01-369-4228 bottle 1000ml  
NSN: 9150-01-381-5558 Can 5 l.



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IN ACCORDANCE WITH THE REACH-ENACTMENT (EG) -Nr. 1907/2006, art.31 appendix II

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