



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	18.10 cSt.
(without solids 14 cSt. Min)	
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%	Pass: no corrosion
(No more than 3 spots, none of wich shall exceed 1mm, on all three panels combined)	
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, staining or 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 S-758
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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