



## WEAPON OIL 967

PART # 31083M4

### Description

**Weapon Oil 967** is a highly penetrating, mobile liquid lubricant which combines three essential functions in a single product; cleaning, lubrication and preservation of hand held weapons, and weapon systems of both large and small caliber. Weapon oil 967 may also be used for many industrial applications.

### Cleaning

**Weapon OH 967** contains additives which, in addition to their ability to penetrate between metal surfaces, aid in the effective removal of built-up dirt, corrosion particles and firing residues which can be abrasive to both recoil and gas operated mechanisms.

### Preservation

**Weapon Oil 967.** After cleaning, a thin-film layer of preservative forms immediately on the weapon surfaces. The preservative displaces water and also provides a corrosion-resistant barrier against rust and dirt.

### Lubrication

**Weapon Oil 967** is formulated to meet the complete requirements of cleaning, lubricating, and preserving both small and large caliber weapons in virtually all climate conditions from -54°C to +65°C. In addition, Weapon Oil 967 contains no ozone-depleting compounds. The product meets California Clean Air Act VOC requirements.

**Weapon Oil 967** is not only for ordnance use. It has proven highly effective in a wide variety of applications, including automotive, aviation, marine, general plant applications and the maintenance of industrial equipment.

### Specifications

**Weapon Oil 967** meets all requirements of MILSPEC, MIL-L-63460

- Nato Code: S-761
- NSN: 9150-01-364-6442 bottle 120 ml
- NSN: 9150-01-369-4228 bottle 1000 ml
- NEN : 9150-01-381-5558 Can 5 l.

### TYPICAL PROPERTIES

Viscosity 40 <sup>0</sup> C	9.64 cSt.
Viscosity at -54 <sup>0</sup> C	3.630 cSt.
Pour Point	-60 <sup>0</sup> C
Flash Point, COC	100 <sup>0</sup> C
Shell 4-Ball Wear, mm <sup>2</sup> , 40 kg, 1200 RPM, 75 C, 1hr	0.40
Specific Gravity, at 15 <sup>0</sup> C	0.87
Falex Load Carrying Capacity, 750 lb Jaw Load	Pass
Salt Spray Corrosion Resistance	Pass

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#### Disclaimer

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## ENVIRONMENTAL TECHNOLOGIES

**TYPICAL PROPERTIES (continued)**

Humidity Cabinet Rust Resistance 49°C. 100%rel, humidity, 900 hrs	Pass
Water Displacement and Stability	Pass
Metal Corrosion Test, wt change mg/cm <sup>2</sup> 55°C, 168 hrs.	
› Zinc	+0.00
› Aluminium	+0.02
› Brass	+0.07
› Steel	+0.03
› Copper	+0.01
› Magnesium	+0.01
› Cadmium	+0.02
Low Temperature Residue and Fluidity	Pass
Reactivity with Chemical Agent Detector	
› M8 detector	Pass
› M9 detector	Pass 6/95