



## CLEANER, LUBRICANT AND PRESERVATIVE WEAPON OIL

**NATO CODE S-758 – MIL-PRF-63460 E Amd.3 – BT-PS-661A**

### DESCRIPTION

NYCOLUBE 127 is a highly penetrating, mobile liquid operating at temperatures ranging from  $-51^{\circ}\text{C}$  to  $+71^{\circ}\text{C}$ , based on synthetic oil and containing anti-corrosion and anti-wear additives. It has excellent water-displacing properties.



### APPLICATION

NYCOLUBE 127 is intended for field application to satisfy the complete need of cleaning, lubricating and short term preservation of both small and large calibre weapons. As such, it does replace the 3 different products still in use in many places for lubricating the weapon mobile parts during shooting, cleaning the firing residues after shooting and preserving the weapon against corrosion during storage.

NYCOLUBE 127 has a very low odour and is favoured by users as it is more pleasant to use than other CLP products.

It facilitates the effective removal of firing residues, gums and other contaminants from weapon components and is compatible with all metals and alloys used in weapons.

NYCOLUBE 127 is qualified under Belgian BT-PS-661A specifications and meets the requirements of MIL-PRF-63460 E.

Characteristic	Unit	Typical Result	Limit	Test method
- Appearance	-	Brown clear oil	Limpid, Homogeneous	Visual examination
- Density at 20°C	kg/dm <sup>3</sup>	0.854	report	ASTM D 4052
- Kinematic viscosity at				
100°C		4.2	--	
40°C	mm <sup>2</sup> /s	18.4	min. 14.0	ASTM D 445
- 40°C		3426	max. 5000	
- Flash point, COC	°C	190	min. 65	ASTM D 92
- Pour Point	°C	-63	max. -59	ASTM D 97
- Steel on steel wear	mm	0.65	max. 0.80	ASTM D 4172
- Load Wear Index	daN	39	mini. 20	
- Weld load	kg	620	report	ASTM D 2783
- Salt spray resistance				
100 h at 35°C	-	Pass	max. 3 pts < 1mm	ASTM B 117
- Corrosion test 168 h at 55°C, metal weight loss				
zinc		0.0	max. +/- 1.5	
aluminium		0.0	max. +/- 0.2	
brass		0.0	max. +/- 1.0	
steel	mg/cm <sup>2</sup>	0.0	max. +/- 0.2	MIL-PRF-63460 E
copper		0.0	max. +/- 1.5	
magnesium		0.0	max. +/- 0.5	
cadmium		0.0	max. +/- 1.5	

The values above are typical values. They do not constitute any contractual commitment. Sales specifications are available on request. The present technical data sheet replaces all the previous editions.

