



## CLEANER, LUBRICANT AND PRESERVATIVE WEAPON OIL

**NATO CODE S-758 – MIL-PRF-63460 F Type A – DCSEA 501/A – BT-PS-661A**

### DESCRIPTION

NYCOLUBE 127 is a highly penetrating, mobile liquid operating at temperatures ranging from  $-54^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$ , based on synthetic oil and containing anti-corrosion and anti-wear additives. It has excellent water-displacing properties as well as high flash point and very low odor.



### MAIN APPLICATION

- Cleaning, lubrication and preservation of both small and large calibre weapons generally fitted on ground vehicles or fighter aircraft

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 F
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.

