



CLEANER, LUBRICANT AND PRESERVATIVE WEAPON OIL

NATO CODE S-758 - MIL-PRF-63460 F TYPE B

DESCRIPTION

NYCOLUBE 127 CLP BIO is a highly penetrating, mobile liquid operating at temperatures ranging from -54°C to +150°C, based on synthetic biodegradable oils and containing anti-corrosion and anti-wear additives. It has excellent water-displacing properties as well as high flash point and very low odor.

NYCOLUBE 127 CLP BIO is formulated with a high content of renewable and biobased material and contains no solvent. Its base fluids are readily biodegradable.



APPLICATIONS

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

CHARACTERISTIC	UNIT	TYPICAL RESULT	LIMIT	TEST METHOD
Appearance	-	Brown clear and homogeneous oil	Limpid, Homogeneous	Visual examination
Density at 20°C	kg/dm ³	0.860	report	ASTM D4052
Kinematic viscosity at 100°C 40°C - 40°C	mm ² /s	4.2 18.1 4400	- min. 14.0 max. 5000	ASTM D445
Flash point, COC	°C	190	min. 80	ASTM D92
Pour Point	°C	-66	max. -59	ASTM D97
Steel on steel wear	mm	0.6	max. 0.80	ASTM D4172
Load Wear Index Weld load	daN kg	39 620	- -	ASTM D2783
Salt spray resistance, 100 h at 35°C	-	Pass	max. 3 pts < 1mm	ASTM B117
Corrosion test 168 h at 55°C, metal weight loss zinc aluminium brass steel copper magnesium cadmium	mg/cm ²	0.0 0.0 0.0 0.0 0.0 0.0 0.0	max. +/- 1.5 max. +/- 0.2 max. +/- 1.0 max. +/- 0.2 max. +/- 1.5 max. +/- 0.5 max. +/- 1.5	MIL-PRF-63460 F

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