



**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 aircraft.

**SPECIFICATIONS \* / OEM's & Airframers reference**

- Approved MIL-PRF-63460 F Type B
- Meets BT-PS-661 A (Belgium)
- Equivalent to DCSEA 501/A

\* **Approved:** The product has been approved by the relevant authority. The product is referenced on the applicable qualified product list.

**Meets:** The product complies with all the requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.

**Equivalent:** The product complies with the major requirements of the specification

CHARACTERISTIC	UNIT	TYPICAL RESULT	LIMIT	TEST METHOD
Appearance	-	Brown clear and homogeneous oil	Limpid, Homogeneous	Visual Examination
Density at 20°C	kg/dm <sup>3</sup>	0.860	report	ASTM D4052
Kinematic Viscosity at 100°C 40°C - 40°C	mm <sup>2</sup> /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	daN	39	-	ASTM D2783
Weld Load	kg	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 <sup>2</sup>	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