



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 G
- 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requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.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 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
Biobased content	%	41	min. 33	ASTM D6866
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	-	
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 G

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