

SYNTHETIC LUBRICATING OIL

NATO CODE O-147

DESCRIPTION

Nycolube 11B is a synthetic lubricating oil with a viscosity of 13 cSt at 40°C, based on neopolyol esters. It is inhibited against oxidation and corrosion.

APPLICATIONS

- Corrosion protection
- Instrument and electronic equipment
- Automatic pilot (low fogging)
- General lubrication (moving aircraft parts: pins, locks, etc.)



SPECIFICATIONS * / OEM's & Airframers reference

- Approved MIL-PRF-6085 F
- Approved AIR 3511/A
- Approved DEF STAN 91-49 Iss. 1 / OX-14
- Listed in Airbus CML 03AGB1
- Listed in ATR CML 03-007
- Listed in CFMI CP 5067
- Listed in Airbus Helicopters CM174

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

CHARACTERISTIC	UNIT	TYPICAL RESULT	MIL-PRF-6085 F LIMIT	TEST METHOD
Appearance	-	Conform	Limpid homogeneous	Visual examination
Color	-	1.0	max. 5.0	ASTM D1500
Acid Number	mg KOH/g	0.05	report	ASTM D974
Kinematic Viscosity at 54.4°C at -54°C	mm²/s	8.20 10624	mini. 8.0 max. 12000	ASTM D445
Pour Point	°C	< -60	< -57	ASTM D97
Flash Point , COC	°C	216	min. 185	ASTM D92
Evaporation Loss, 22 h at 120°C	%w	1.2	max. 1.8	ASTM D972
Precipitation Number	cm³/100 cm³	0	0	ASTM D91
Stability at low temperature, 72h at -54°C	-	pass	MIL-PRF-6085	MIL-PRF-6085
Corrosion and Oxidative Stability 168 h at 121°C				
Total acid number change	mg KOH/g	0.2	max. 0.5	ASTM D4636
Viscosity at 40°C change	mm²/s	0.0	max. +/- 5.0	
Metal weight change				
Cadmium	-mg/cm²	0.0	max. +/- 0.2	
Copper	mg/cm²	0.0	max. +/- 0.2	
Steel	mg/cm²	0.0	max. +/- 0.2	
Aluminium	mg/cm²	0.0	max. +/- 0.2	
Magnesium	mg/cm²	0.0	max. +/- 0.2	
Protection of panels, humidity cabinet	h	>200	min 100	ASTM D1748

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