NYCO
AERONAUTICS & DEFENCE

NYCOPROTEC 04

TECHNICAL DATA SHEET

MINERAL CORROSION PREVENTIVE OIL

NATO CODE C-610

DESCRIPTION

Nycoprotec 04 is a petroleum oil with a viscosity of 25 cSt at 40°C. It is based on a mineral turbine oil fortified with a corrosion-inhibiting additive package.

APPLICATIONS

- Temporary preservation oil for turbines of aircraft and helicopters operated with mineral oils
- Anti-corrosion storage oil for aircraft components such as fuel circuits

May be applied by spraying or brushing on external components ; internal components are usually drained prior to use.

SPECIFICATIONS * / OEM's & Airframers reference

- Approved DCSEA 510/B (formely AIR 1504/B)
- Meets MIL-C-6529 C Type III
- Listed in CFMI CP 5068
- Listed in Snecma DMR 75-604 EDB

* **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requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.

Characteristic	Unit	Typical Result	DCSEA 510/B Limit	Test method
Appearance	-	Limpid oil	limpid	visual examination
Density at 20°C	kg/dm³	0.872	report	ASTM D4052
Kinematic Viscosity at **at 100°C** **at 40°C**	mm²/s	 4.9 25.6	 report 17.0 to 28.0	ASTM D445
Viscosity Index	-	116	-	ASTM D2270
Flash Point	°C	165	min. 140	ASTM D92
Pour Point	°C	- 45	max. - 12	ASTM D97
Copper Corrosion, 3 h at 100°C	-	1a	max. 1b	ASTM D130
Lead Corrosion **4 h at 121°C** **4 h at 149°C**	mg/cm²	 -1.2 -1.3	 - -	FTM-S-791-5321
Volatile Matter, 24 h at 110°C	%w	8	max. 28	AIR 1654
Corrosion Protection, Humidity Cabinet	H	>336	min 336	ASTM D1748
Precipitation Number	mL	0.0	0.1	ASTM D91
Conradson Residue	%w	0.2	max. 2.0	ASTM D189
Oxidized Ash Content	%	0.005	max. 0.015	ASTM D482
Total Acid Number	mg KOH/g	0.16	report	ASTM D974

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.

NYCO, 66 avenue des Champs-Élysées BP 414 - 75366 Paris CEDEX 08 - France
Tel : +33 1 45 61 50 00 - Fax : +33 1 45 61 50 13 - info@nyco-group.com - www.nyco-group.com