



PETROLEUM CORROSION PREVENTIVE OIL

NATO CODE C-610 – DCSEA 510/B (formerly AIR 1504/B)
MIL-C-6529 C Amd.2 Type 3
CFMI CP 5068

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.



MAIN APPLICATIONS

- Temporary preservative oil for turbines of aircrafts 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.

Characteristic	Unit	Typical Result	DCSEA 510/B Limit	Test method
- Appearance	-	limpid	limpid	visual examination
- Density at 20°C	kg/dm ³	0.872	report	ASTM D 4052
- Kinematic viscosity At 100°C At 40°C	mm ² /s	4.9 25.6	report 17.0 to 28.0	ASTM D 445
- Viscosity index	-	116	-	ASTM D 2270
- Total Acid Number	mg KOH/g	0.16	report	ASTM D 974
- Flash point, COC	°C	165	min. 140	ASTM D 92
- Pour point	°C	- 45	max. - 12	ASTM D 97
- Copper corrosion, after 3 h at 100°C	rating	1a	max. 1b	ASTM D 130
- Lead corrosion 4 h at 121°C 4 h at 149°C	mg/cm ²	-1.2 -1.3	- -	FTM-S-791-5321
- Volatile matter 24 h at 110°C	%w	8	max. 28	AIR 1654
- Humidity Cabinet, 14 days	-	conform	conform	ASTM D 1748
- Precipitation number	ml	0.0	max. 0.1	ASTM D 91
- Conradson residue	%w	0.2	max. 2.0	ASTM D 189
- Oxidized ash content	%w	0.005	max. 0.015	ASTM D 482

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.

