

PETROLEUM CORROSION PREVENTIVE OIL

C-610 – DCSEA 510/A – MIL-C-6529 C Amd.2 Type 3

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.

Application

Nycoprotec 04 is used as a storage oil to protect aircraft components from corrosion (such as fuel systems). It is also used as lubricating and corrosion-preventive oil for pins, locks and other moving surfaces. It may be applied by spraying or brushing on external components. Internal components are usually protected by filling with the oil. Nycoprotec 04 is usually drained prior to use.



Characteristic	Unit	Result	Limit*	Test method
- Appearance	-	limpid	limpid	visual examination
- Specific gravity at 20°C	kg/dm ³	0.872	report	ASTM D 4052
- Kinematic viscosity at 100°C 40°C	mm ² /s	4.64 24.96	report 17.0 to 28.0	ASTM D 445
- Viscosity index	-	101	-	ASTM D 2270
- TAN	mg KOH/g	0.12	report	ASTM D 974
- Flash point	°C	168	min. 150	ASTM D 92
- Pour point	°C	- 39	max. - 12	ASTM D 97
- Copper corrosion 3 h at 100°C	-	1a	max. 1b	ASTM D 130
- Lead corrosion 4 h at 121°C 4 h at 149°C	mg/cm ²	-1.22 -1.32	report report	FTM-S-791-5321
- Volatile matter 24 h at 110°C	%	21	max. 28	AIR 1654
- Humidity Cabinet 14 days	-	conform	conform	ASTM D 1748
- Sediment index	ml	0.0	max. 0.1	ASTM D 91
- Conradson residue	%	0.1	max. 2.0	ASTM D 189
- Oxidised ash content	%	0,0	max. 0.015	ASTM D 482

* Specification DCSEA 510/A

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.