

## PETROLEUM CORROSION PREVENTIVE OIL

C-609 – AIR 1503/B (obsolete) – MIL-C-6529 C Amd.2 Type 2

### Description

Nycoprotec 05 is a petroleum oil with a viscosity of 226 cSt at 40°C. It is based on a mineral piston engine oil fortified with a corrosion-inhibiting additive package.

### Application

Nycoprotec 05 is used as a storage oil to protect aircraft components from corrosion (such as helicopter transmission gearbox). It may be applied by spraying or brushing on external components. Internal components are usually protected by filling with the oil. Nycoprotec 05 is usually drained prior to use.



Characteristic	Unit	Result	Limit*	Test method
- Appearance	-	limpid	limpid	visual examination
- Specific gravity at 20°C	kg/dm <sup>3</sup>	0.894	report	ASTM D 4052
- Kinematic viscosity at 98.9°C 40°C	mm <sup>2</sup> /s	20.3 226	18 to 23 report	ASTM D 445
- Viscosity index	-	99	mini. 95	ASTM D 2270
- Flash point	°C	266	min. 204	ASTM D 92
- Pour point	°C	- 18	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 <sup>2</sup>	-1.23 -1.47	max. 6.0 max. 11.0	FTM-S-791-5321
- Volatile matter 24 h at 110°C	%	0.3	max. 3.0	AIR 1654
- Humidity Cabinet 14 days	-	conform	conform	ASTM D 1748
- Sediment content	ml	0.0	max. 0.1	ASTM D 91
- Conradson residue	%	0.47	max. 2.0	ASTM D 189
- Oxidised ash content	%	0.0	max. 0.015	ASTM D 482

\* Specification AIR 1503/B

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.