

MINERAL CORROSION PREVENTIVE OIL

NATO CODE C-609 - AIR 1503/B TYPE B (OBSOLETE) - MIL-C-6529 C AMD.2 TYPE 2

DESCRIPTION

Nycoprotec 05 is an ISO VG 220 petroleum oil ; it is based on a mineral piston engine oil fortified with a corrosion-inhibiting additive package.

APPLICATIONS

- Temporary preservation of reciprocating piston aircraft engines
- Preservation of helicopter gearboxes during storage
- Preservation from corrosion of aircraft components during storage



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

Characteristic	Unit	Typical Result	AIR 1503/B Type B Limit	Test method
Appearance	-	Limpid brown oil	limpid	visual examination
Density at 20°C	kg/dm ³	0.888	report	ASTM D 4052
Kinematic viscosity at At 100°C At 98.9°C 40°C	mm ² /s	19.4 19.8 217	- 18 to 23 report	ASTM D 445
Viscosity index	-	101	mini. 95	ASTM D 2270
Flash point	°C	267	min. 204	ASTM D 92
Pour point	°C	- 30	max. - 12	ASTM D 97
Copper corrosion, 3 h at 100°C	-	1b	max. 1b	ASTM D 130
Lead corrosion 4 h at 121°C 4 h at 149°C	mg/cm ²	-1.2 -1.5	max. +/- 6.0 max. +/- 11.0	FTM-S-791-5321
Volatile matter, 24 h at 110°C	%	0.3	max. 3.0	AIR 1654
Corrosion protection, humidity cabinet	H	>336	min 336	ASTM D 1748
Precipitation number	mL	0.0	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

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.