

MINERAL CORROSION PREVENTIVE OIL

NATO CODE C-609

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.



SPECIFICATIONS * / OEM's & Airframers reference

- Meets MIL-C-6529 C Type II Amd2
- Meets AIR 1503/B Type B (obs)
- Listed in Airbus Helicopters CM165
- Listed in Airbus Helicopters CM524
- Substitute to K-17
- Substitute to GOST 10877-76

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requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.

Substitute: The product has not been developed to meet the specification requirements but can be used as a substitute to the Russian product

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 D4052
Kinematic Viscosity at at 100°C at 98.9°C at 40°C	mm ² /s	19.4 19.8 217	- 18 to 23 report	ASTM D445
Viscosity Index	-	101	mini. 95	ASTM D2270
Flash Point	°C	267	min. 204	ASTM D92
Pour Point	°C	- 30	max. - 12	ASTM D97
Copper Corrosion, 3 h at 100°C	-	1b	max. 1b	ASTM D130
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 D1748
Precipitation Number	mL	0.0	0.1	ASTM D91
Conradson Residue	%	0.47	max. 2.0	ASTM D189
Oxidized Ash Content	%	0.0	max. 0.015	ASTM D482

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.