



PISTON AIRCRAFT ENGINE LUBRICATING OIL

DESCRIPTION

Turbonycoil 3570 SAE 50 is a petroleum dispersive lubricating oil with a 19 mm²/s viscosity at 100°C.

Turbonycoil 3570 SAE 50 is produced from selected mineral base stocks blended with ashless additives to improve low temperature fluidity and engine cleanliness.

Moreover Turbonycoil 3570 SAE 50 also contains in the correct proportion an anti-wear additive equivalent to the Lycoming additive LW-16702. As a consequence LW-16702 additive DOES NOT have to be added to Turbonycoil 3570 SAE 50 during the oil changes.

Turbonycoil 3570 SAE 50 complies with SAE J1899 Grade 50 requirements, as well as the former military specifications MIL-L-22851D commercial grade 100 and AIR 3570/D grade 100, now obsolete.



APPLICATIONS

- 4-stroke reciprocating piston aircraft engine

SPECIFICATIONS / OEM's & Airframers reference

- Meets SAE J1899 Grade 50
- Meets AIR 3570/D Grade 100 (Obs)

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requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.

CHARACTERISTIC	UNIT	TYPICAL RESULT	SAE J1899 GRADE 50 LIMIT	TEST METHOD
Appearance	-	Bright and clear brown liquid	Brown liquid	Visual examination
Density at 20°C	kg/dm ³	0.881	Report	ASTM D4052
Kinematic Viscosity at 100°C 40°C	mm ² /s	18.5 168	16.3 – 21.9 Report	ASTM D445
Viscosity Index	-	123	min. 95	ASTM D2270
Flash Point, COC	°C	280	min. 243	ASTM D92
Pour Point	°C	-27	max. -18	ASTM D97
Sulfur Content	%w	0.4	max. 1.0	ASTM D2622
Acid Number	mgKOH/g	0.02	max. 1.00	ASTM D664

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.