



**PISTON AIRCRAFT ENGINE LUBRICATING OIL**

**NATO CODE O-117**

**DESCRIPTION**

**Turbonycoil 3560 SAE 50** is a non-dispersive petroleum lubricating oil with a viscosity of 19 cSt at 100°C. **Turbonycoil 3560 SAE 50** is produced from blends of selected petroleum base stocks and contains a pour point depressant additive to improve low temperature properties.

**Turbonycoil 3560 SAE 50** complies with SAE J1966 Grade 50 requirements, as well as former military specification MIL-L-6082 E grade 1100 and AIR 3560/D grade 100, now obsolete.



**APPLICATIONS**

- 4-stroke reciprocating piston aircraft engine
- Piston engine of vintage airplanes (WWI and WWII warplanes)

**SPECIFICATIONS \* / OEM's & Airframers reference**

- Meets SAE J1966 Grade 50
- Meets MIL-L-6082 E Grade 100 (obs)
- Meets AIR 3560/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requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.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 RESULTS	SAE J1966 GRADE SAE 50 LIMIT	TEST METHOD
Appearance	-	Bright and clear brown liquid	Brown liquid	Visual examination
Density at 20°C	kg/dm <sup>3</sup>	0.886	Report	ASTM D4052
Kinematic Viscosity At 100°C At 40°C	mm <sup>2</sup> /s	19.5 225	16.3 – 21.9 Report	ASTM D445
Viscosity Index	-	99	min. 85	ASTM D2270
Flash Point, COC	°C	270	min. 243	ASTM D92
Pour Point	°C	-18	max. -12	ASTM D97
Acid Number	mg KOH/g	0.02	max. 0.10	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.