



## PISTON AIRCRAFT ENGINE OIL

### SAE J1899 Grade 50

(ex : MIL-L-22851 commercial grade 100 – AIR 3570/D Grade 100)

#### DESCRIPTION

Turbonycoil 3570 SAE 50 is a petroleum dispersive lubricating oil with a 19 mm<sup>2</sup>/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.

#### MAIN APPLICATION

- 4-stroke reciprocating piston aircraft engine

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 <sup>3</sup>	0.877	Report	ASTM D 4052
- Kinematic viscosity at 100°C 40°C	mm <sup>2</sup> /s	19.1 168	16.3 – 21.9 Report	ASTM D 445
- Viscosity Index	-	129	min. 95	ASTM D 2270
- Flash point COC	°C	274	min. 243	ASTM D 92
- Pour point	°C	-27	max. -18	ASTM D 97
- Sulfur content	m%	0.3	max. 1.0	ASTM D 2622
- Acid number	mg KOH/g	0.02	max. 1.00	ASTM D 664

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.

