

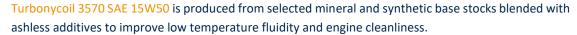
# **TURBONYCOIL3570 SAE 15W50**

**TECHNICAL DATA SHEET** 

## PISTON AIRCRAFT ENGINE LUBRICATING OIL

#### **DESCRIPTION**

Turbonycoil 3570 SAE 15W50 is a semi-synthetic dispersive lubricating oil with a 20 mm<sup>2</sup>/s viscosity at 100°C.





Moreover Turbonycoil 3570 SAE 15W50 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 15W50 during the oil changes.

Turbonycoil 3570 SAE 15W50 complies with SAE J1899 Grade 15W50 requirements, as well as former military specification MIL-L-22851 Grade 15W50 now obsolete.

#### **APPLICATIONS**

4-stroke reciprocating piston aircraft engine

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

- Meets SAE J1899 Grade 15W50
- Meets MIL-L-22851D Grade 15W50 (obs)

<sup>\*</sup> 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requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.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<br>GRADE 15W50<br>LIMIT | TEST METHOD        |
|---|---------|----------------------------------|-----------------------------------|--------------------|
| Appearance                              | -       | Bright and clear<br>brown liquid | Brown liquid                      | Visual examination |
| Density at 20°C                         | kg/dm³  | 0.861                            | Report                            | ASTM D4052         |
| Kinematic Viscosity at<br>100°C<br>40°C | mm²/s   | 19.8<br>140                      | 16.3 – 21.9<br>Report             | ASTM D445          |
| Viscosity Index                         | -       | 163                              | min. 100                          | ASTM D2270         |
| Flash Point COC                         | °C      | 264                              | min. 220                          | ASTM D92           |
| Pour Point                              | °C      | -45                              | Report                            | ASTM D97           |
| Sulfur Content                          | %w      | 0.4                              | max. 1.0                          | ASTM D2622         |
| Acid Number                             | mgKOH/g | 0.03                             | 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.

