



## PETROLEUM LUBRICATING OIL

### SAE J1899 Grade 40

(ex : MIL-L-22851 D type III, AIR 3570/D grade 80, NATO CODE O-123)

#### DESCRIPTION

Turbonycoil 3570 SAE 40 is a petroleum dispersive lubricating oil with a 15 mm<sup>2</sup>/s viscosity at 100°C.

Turbonycoil 3570 SAE 40 is produced from selected mineral base stocks blended with ashless additives to improve low temperature fluidity and engine cleanliness.

Turbonycoil 3570 SAE 40 complies with SAE J1899 Grade 40 requirements, as well as former military specification MIL-L-22851 type III and AIR 3570/D grade 80, now obsolete.



#### MAIN APPLICATION

- 4-stroke reciprocating piston aircraft engine

Characteristic	Unit	Typical Result	SAE J1899 Grade 40 Limit	Test method
- Appearance	-	Bright and clear brown liquid	Brown liquid	Visual examination
- Density at 20°C	kg/dm <sup>3</sup>	0.884	Report	ASTM D 4052
- Kinematic viscosity at 100°C 40°C	mm <sup>2</sup> /s	14.8 120	12.5 – 16.3 Report	ASTM D 445
- Viscosity Index	-	126	min. 100	ASTM D 2270
- Flash point COC	°C	260	min. 225	ASTM D 92
- Pour point	°C	-33	max. -22	ASTM D 97
- 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.

