



## PETROLEUM LUBRICATING OIL

### SAE J1966 Grade 40

(ex : MIL-L-6082 E grade 1080, AIR 3560/D grade 80)

#### DESCRIPTION

Turbonycoil 3560 SAE 40 is a non-dispersive petroleum lubricating oil with a viscosity of 15 cSt at 100°C.

Turbonycoil 3560 SAE 40 is produced from blends of selected petroleum base stocks and contains a pour point depressant additive to improve low temperature properties.

Turbonycoil 3560 SAE 40 complies with SAE J1966 Grade 40 requirements, as well as former military specification MIL-L-6082 E grade 1080 and AIR 3560/D grade 80, now obsolete.



#### MAIN APPLICATION

- 4-stroke reciprocating piston aircraft engine

Characteristic	Unit	Typical Results	SAE J1966 Grade 40 Limit	Test method
- Appearance	-	Bright and clear brown liquid	Brown liquid	Visual examination
- Density at 20°C	kg/dm <sup>3</sup>	0.887	Report	ASTM D 4052
- Kinematic viscosity at 100°C 40°C	mm <sup>2</sup> /s	14.8 144	12.5 – 16.3 Report	ASTM D 445
- Viscosity Index	-	103	min. 100	ASTM D 2270
- Flash point, COC	°C	270	min. 225	ASTM D 92
- Pour point	°C	-30	max. -15	ASTM D 97
- Acid number	mg KOH/g	0.02	max. 0.1	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.

