



# AERO

Pure mineral oil for aircraft piston engines

## APPLICATIONS & ADVANTAGES

Lubrication of piston engines operating under severe conditions when use of an oil containing a dispersant additive is not required. Run-in of piston engines (AERO 80).

- Pure mineral oils, do not contain additives, except for a small quantity of pour-point depressant and an anti-oxidant.
- Excellent natural resistance to oxidation.
- Very low pour point.
- High viscosity index

## SPECIFICATIONS

AERO oils meet the following specifications and technical instructions:

- **AERO 80**
  - meets\* the requirements of J1966 SAE Grade 40
  - AIR 3560/D Grade SAE 40
  - Joint Service Designation: OM-170
  - Continental Motors SIL16-2, M-0
- **AERO 100**
  - meets\* the requirements of J1966 SAE Grade 50
  - AIR 3560/D Grade SAE 50
  - Joint Service Designation: OM-270
  - NATO Code :O-117 Obsolete
  - Continental Motors SIL16-2, M-0
- **AERO 120**
  - meets\* the requirements of J1966 SAE Grade 60
  - Joint Service Designation: OM-370 Obsolete

**Meets\*:** The product adheres to all the specification requirements, although it has not yet received formal approval. Approval is either in progress or the specification itself may be obsolete.

## TYPICAL CHARACTERISTICS

PROPERTIES	UNITS	STANDARDS	AERO		
			80	100	120
Specific gravity at 15 °C	kg/m <sup>3</sup>	ISO 3675	876	887	893
Viscosity at 40 °C	mm <sup>2</sup> /s	ISO 3104	138	221	302
Viscosity at 100 °C	mm <sup>2</sup> /s	ISO 3104	14.6	19.6	23.6
Viscosity index	-	ISO 2909	105	101	98
Flash point open cup	°C	ISO 2952	286	290	314
Pour point	°C	ISO 3016	- 27	- 21	- 12

above characteristics are mean values given as an information.



For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>  
 This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded from <https://sdstotalms.total.com>