

AERO



Aviation



TotalEnergies

Pure mineral oil for aircraft piston engines.

APPLICATIONS

- 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).

SPECIFICATIONS

AERO oils meet the following specifications and technical instructions:

- **AERO 80**
 - meet the requirements of J-1966 SAE Grade 40
 - AIR 3560/D Grade SAE 40
 - Joint Service Designation: OM-170
 - Continental Motors SIL16-2, M-0
- **AERO 100**
 - meet the requirements of J-1966 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**
 - meet the requirements of J-1966 SAE Grade 60
 - Joint Service Designation: OM-370 Obsolete.

ADVANTAGES

- 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.

TYPICAL CHARACTERISTICS	METHODS	UNITS	AERO		
			80	100	120
Density at 15 °C	ISO 3675	kg/m ³	876	887	893
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	138	221	302
Kinematic viscosity at 100 °C	ISO 3104	mm ² /s	14.6	19.6	23.6
Viscosity index	ISO 2909	-	105	101	98
Flash point Open Cup	ISO 2952	°C	286	290	314
Pour point	ISO 3016	°C	- 27	- 21	- 12

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
INDUSTRIE
25-06-2018 (supersedes 29-04-2016)
AERO
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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. is obtainable via your commercial adviser www.quick-fds.com.