TECHNICAL DATA SHEET

V.01/2023 Ref. 00000000

AERO D

Ashless dispersive monograde mineral oils for aircraft piston engines

APPLICATIONS

Lubrication of aircraft piston engines operating under severe and very severe conditions when an oil containing a dispersant additive is required.

High quality mineral oil, containing modern technology dispersant additives.

- High viscosity index.
- Excellent resistance to oxidation.
- Excellent dispersive power
- Very low pour point

SPECIFICATIONS

AERO D oils meet the following specifications and technical instructions:

- AERO D 80
  - meets* the specification J-1899 SAE Grade 40
  - AIR 3570 Grade SAE 40
  - NATO Code: O-123 Obsolete
  - Joint Service Designation: OMD-160
- AERO D 100
  - meets* the specification J-1899 SAE Grade 50
  - AIR 3570 Grade SAE 50
  - NATO Code: O-125 Obsolete
  - Joint Service Designation: OMD-250
- AERO D 120
  - meets the specification J-1899 SAE Grade 60
  - FRENCH : AIR 3570 Grade SAE 60
  - NATO Code: O-128 Obsolete
  - Joint Service Designation: OMD-370

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 D		
			80	100	120
Specific gravity at 15 °C	kg/m3	ISO 3675	873	870	889
Viscosity at 40 °C	mm2/s	ISO 3104	129	174	258
Viscosity at 100 °C	mm2/s	ISO 3104	15.9	19	24
Viscosity index	-	ISO 2909	130	124	117
Cleveland flash point	°C	ISO 2952	272	278	292
Pour point	°C	ISO 3016	- 33	- 30	- 30

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

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