

# AERO D



Aviation



**TOTAL**

**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.

## SPECIFICATIONS

**AERO D** oils meet the following specifications and technical instructions:

- **AERO D 80**
  - meet 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**
  - meet 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**
  - meet the specification J-1899 SAE Grade 60
  - FRENCH : AIR 3570 Grade SAE 60
  - NATO Code: O-128 Obsolete
  - Joint Service Designation: OMD-370.

## ADVANTAGES

- High quality mineral oil, containing modern technology dispersant additives.
- High viscosity index.
- Excellent resistance to oxidation.
- Excellent dispersive power.
- Very low pour point.

TYPICAL CHARACTERISTICS	METHODS	UNITS	AERO D		
			80	100	120
Specific gravity at 15 °C	ISO 3675	kg/m <sup>3</sup>	873	870	889
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	129	174	258
Viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	15.9	19	24
Viscosity index	ISO 2909		130	124	117
Cleveland flash point	ISO 2952	°C	272	278	292
Pour point	ISO 3016	°C	- 33	- 30	- 30

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS  
INDUSTRIE**

07-06-2017 (supersedes 29-04-2016)

AERO D

1/1



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](http://www.quick-fds.com).