

AERO D



Aviation



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
Density at 15 °C	ISO 3675	kg/m ³	873	870	889
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	129	174	258
Kinematic viscosity at 100 °C	ISO 3104	mm ² /s	15.9	19	24
Viscosity index	ISO 2909	-	130	124	117
Flash point Open Cup	ISO 2592	°C	272	278	292
Pour point	ISO 3016	°C	- 33	- 30	- 30

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
INDUSTRIE
29-01-2019 (supersedes 25-06-2018)
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.