

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.