

# AERO XPD



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 XPD** oils meet the following specifications and technical instructions:

- SAE J-1899
- LYCOMING SI 1014M, SI 1409C, SB 446E, SB 471B
- CONTINENTAL MOTORS SIL16-2, M-0
- FAA AD 08-04-03.

## ADVANTAGES

- New generation lubricants specially developed to improve anti-wear and corrosion protection of aviation piston engines.
- **AERO XPD** oils already contain, in the correct proportions, an anti-wear additive, the same as **TEXTRON** Lycoming LW 16702. By using **TOTAL AERO XPD**, it is not necessary to add this additive in the oil.

| TYPICAL CHARACTERISTICS       | METHODS  | UNITS              | AERO XPD |      |      |
|-------------------------------|----------|--------------------|----------|------|------|
|                               |          |                    | 80       | 100  | 120  |
| Density at 15 °C              | ISO 3675 | kg/m <sup>3</sup>  | 877      | 884  | 894  |
| Kinematic viscosity at 40 °C  | ISO 3104 | mm <sup>2</sup> /s | 123      | 167  | 252  |
| Kinematic viscosity at 100 °C | ISO 3104 | mm <sup>2</sup> /s | 15.1     | 18.3 | 23.5 |
| Viscosity index               | ISO 2909 | -                  | 129      | 124  | 118  |
| Flash point Open Cup          | ISO 2952 | °C                 | 286      | 292  | 300  |
| Pour point                    | ISO 3016 | °C                 | - 27     | - 24 | - 18 |

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS  
INDUSTRIE**  
25-06-2018 (supersedes 29-04-2016)  
AERO XPD  
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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](http://www.quick-fds.com).