AERO

Pure mineral oil for aircraft piston engines

APPLICATIONS & ADVANTATGES

Lubrication of piston engines operating under severe conditions when use of an oil containing a dispersant additive is not required. Run-in of piston engines (AERO 80).

- Pure mineral oils, do not contain additives, except for a small quantity of pour-point depressant and an anti-oxidant.
- Excellent natural resistance to oxidation.
- Very low pour point.
- High viscosity index

SPECIFICATIONS

AERO oils meet the following specifications and technical instructions:

- **AERO 80**
- meets* the requirements of J1966 SAE Grade 40
- AIR 3560/D Grade SAE 40
- Joint Service Designation: OM-170
- Continental Motors SIL16-2, M-0
- **AERO 100**
- meets* the requirements of J1966 SAE Grade 50
- AIR 3560/D Grade SAE 50
- Joint Service Designation: OM-270
- NATO Code :O-117 Obsolete
- Continental Motors SIL16-2, M-0
- **AERO 120**
- meets* the requirements of J1966 SAE Grade 60
- Joint Service Designation: OM-370 Obsolete

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		
			80	100	120
Specific gravity at 15 °C	kg/m3	ISO 3675	876	887	893
Viscosity at 40 °C	mm2/s	ISO 3104	138	221	302
Viscosity at 100 °C	mm2/s	ISO 3104	14.6	19.6	23.6
Viscosity index	-	ISO 2909	105	101	98
Flash point open cup	°C	ISO 2952	286	290	314
Pour point	°C	ISO 3016	- 27	- 21	- 12

above characteristics are mean values given as an information.

TotalEnergies Lubrifiants
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