

ExxonMobil 100 Exxon Aviation Oil EE Series

Category : Fluid , Lubricant

Material Notes:

Aviation Oil EE is the brand name of a premium quality line of ashless-dispersant piston engine oils. Formulated with select, highly refined base oils together with ashless-dispersant and anti-oxidant additives, Aviation Oil EE is designed to satisfy the requirements of all major engine manufacturers under all climatic conditions. To meet a wide range of requirements, Aviation Oil EE is available as monogrades in four viscosity grades: 65, 80, 100, and 120. Aviation Oil EE oils are designed to meet the requirements of modern aircraft piston engines used in commercial, military and private aircraft. Ashless-dispersant aviation engine oils have attained wide-spread use due to their ability to keep engines cleaner than non-dispersant oils. The four grades of Aviation Oil EE meet the requirements of major engine manufacturers where monograde ashless-dispersant engine oils are recommended. Aviation Oil EE products are U.S. Military approved under SAE J1899, which replaced MIL-L-22851D and are listed in the U.S. Military Qualified Products List QPL-1899. Specific viscosity grades are approved by Pratt and Whitney, Teledyne Continental Motors, and Textron Lycoming and included in their respective Qualified Products Lists. Appropriate viscosity grades are recommended for Curtis-Wright, Franklin, and Rolls-Royce engines. Compatibility: Aviation Oil EE Series is compatible with nondispersant mineral oils as well as with other ashless-dispersant oils that meet the requirements of MIL-L-22851D/SAE J1899. They can be used in high-time engines that have previously used a straight mineral oil. If this is done, however, it is advisable to carry out the oil-screen inspection recommended by the engine manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-100-Exxon-Aviation-Oil-EE-Series.php

Physical Properties	Metric	English	Comments
Density	0.890 g/cc @Temperature 15.6 °C	0.0322 lb/in ³ @Temperature 60.1 °F	ASTM D4052
API Gravity	27.2 °	27.2 °	
Viscosity Measurement	116	116	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	203 cSt	203 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	20.2 cSt	20.2 cSt	ASTM D445
Ash	0.00 %	0.00 %	SAE J1747

Thermal Properties	Metric	English	Comments
Pour Point	-24.0 °C	-11.2 °F	ASTM D97
Flash Point	259 °C	498 °F	ASTM D92

Chemical Properties	Metric	English	Comments
Total Acid Number	0.020	0.020	mgKOH/g; ASTM D664

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