



Aviation Lubricant Shelf Life

What you need to know about our products.

Introduction

The shelf life of an aviation lubricant is the recommended time period from the *manufacturing date* during which ExxonMobil represents that the product is suitable for use (dispensing into equipment), provided the container has remained unopened, undamaged and was stored indoors. Normal storage temperatures should be in the range of 0° to 40° C (32° to 104° F). For certain products, short duration excursions outside of this range may be acceptable. Consult your ExxonMobil representative.

The *manufacturing date* for all aviation products, which is identified by the certification date or blend date, is on the Certificate of Analysis (COA).

ExxonMobil may extend the shelf life of a specific batch of product based on package style, package condition, known storage history or test results from an approved laboratory.

Once a container is opened, the product should be protected from contamination. It is good practice to use an open container's content as soon as possible. Since degradation after a container is opened depends on the particular product, storage and handling conditions or potential contamination by the end user, the standard shelf life recommendations listed below are no longer applicable.

Some organizations, such as the US military, have their own periodic product retest requirements. These requirements may not coincide with the ExxonMobil shelf life recommendations.

The shelf life information below replaces all previous ExxonMobil shelf life recommendations and applies to unopened containers.

Product	Shelf Life
Mobil Jet Oil II, 254 and 387	10 years in quarts; 5 years in pails and drums; 2 years in totes
Mobil Turbo 284	10 years in quarts; 5 years in pails and drums
Mobil Turbo 319 A-2	10 years in quarts; 5 years in pails and drums
Mobil Avrex S Turbo 256	10 years in quarts; 5 years in pails and drums
Mobil Avrex M Turbo 201 and 1010	10 years in quarts; 5 years in pails and drums
Exxon Aviation Oil EE 65, 80, 100 and 120	10 years in any container
Mobil Aero Oil 80, 100 and 120	10 years in any container
Exxon Aviation Oil 100, 120 and 20W-50	10 years in any container
Mobiloil Aero Red and Green Band	10 years in any container
Exxon Aviation Oil EE 20W-50 and 25W-60	10 years in any container
Exxon Aviation Oil Elite 20W-50	10 years in quarts; 5 years in pails and drums
Exxon Instrument Oil	5 years in any container
Exxon Invarol J13 and FJ13	5 years in any container
Mobil Aero HFA and HF	5 years in any container
Mobil Aero HFS	5 years in any container
Exxon HyJet IV-A^{plus}	10 years in quarts/gallons; 5 years in pails/drums
Exxon HyJet V	10 years in quarts/gallons; 5 years in pails/drums
Exxon Coolanol 20 and 25R	5 years in any container
Exxon Coolanol 35R, OS-59 and 45R	5 years in any container*
Mobilgrease 27	2 years in any container**
Mobilgrease 28	6 years in any container**
Mobilgrease 33	6 years in any container**
Mobil Aviation Grease SHC 100	6 years in any container**

* When used in applications with critical dielectric property requirements, retesting is recommended after three years.

** If oil is observed on top of the grease, it should be mixed back into the top inch (2.5 cm) of grease prior to use. Horizontally stored grease cartridges may bleed minor amounts of oil. This may make the container cosmetically unpleasing, but the grease remains suitable for use.