

ROYCO[®] 482

CORROSION PREVENTATIVE COMPOUND
FOR RECIPROCATING AIRCRAFT ENGINES

Description

ROYCO 482 is a light green rust and corrosion preventative oil commonly used to preserve aircraft internal combustion engines. The ashless anti corrosion additive package and highly refined petroleum base oils protect the engine by minimizing the effects of humidity and neutralizing the acidic components of engine oil oxidation and combustion by-products.

Applications

ROYCO 482 is normally used as a preservation grade engine oil for the internal preservation of engines or engine parts and accessories during moderate outdoor to long term indoor storage periods. This oil can also be used as a "flyaway" oil for reciprocating engines however operation of engines preserved with the diluted material should be limited to a maximum of fifty hours before oil change

The engine to be preserved should be filled to normal capacity with **ROYCO 482** and then run at idle until the engine reaches normal operating temperature (approx. 10 - 15 minutes). Upon shutdown the internal surfaces of the engine are now protected from rust and corrosion

Turbine engines using synthetic engine lubricating oils should use a Mil-C-8188 corrosion preventative concentrate. Turbine engines using lubricants compatible with mineral based fluids should use **ROYCO 483** corrosion preventative.

Features and Benefits

Features

Offers outstanding rust and corrosion prevention

Ashless additive technology

Highly refined base-oils

Benefits

Protects and preserves reciprocating engines by minimizing the effects of acidic components of combustion by-products

Specifications

ROYCO 482 meets all requirements of and is qualified to MIL-SPEC: MIL-C-6529C Notice 2, Type II.

ROYCO 482 is also designated a preservative under MIL-STD-2073-1C.

Typical Properties

PROPERTIES	TEST METHOD	ROYCO® 482
API Gravity, 60/60 °F	ASTM D287	27.4
Kinematic Viscosity, cSt @ 100 °F	ASTM D445	256
Kinematic Viscosity, cSt @ 210 °F	ASTM D445	20.5
Flash Point, °F	ASTM D92	567
Density, pounds per gallon, 60°F		7.41

Packaging

ROYCO 482 is available in 5 gallon pails and 55 gallon drums. Other package sizes may be available on special request.

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