

ROYCO® LGF Aviation Hydraulic Fluid

Description

Royco® LGF is a mineral oil based hydraulic fluid designed specifically for use in aircraft landing gear systems, shock struts and other fluid dampening systems. Modern additive technology for greatly improved lubricity and extreme pressure anti-wear performance is used to provide the performance levels required by today's aircraft.

Application

Royco® LGF consists of hydraulic fluid conforming to MIL-PRF-5606 plus other additives to improve landing gear performance.

Features and Benefits

Royco® LGF is completely compatible with oils meeting MIL-PRF-5606. **Royco® LGF** was specifically developed to improve "slip stiction" and to alleviate "ladder cracking" in landing gear struts due to sudden and severe shock load encountered during landing.

Approvals and Specifications

ROYCO® LGF (yellow) is qualified to Boeing Materials Specification BMS 3-32 (Type II).

Technical data*

PROPERTIES	TEST METHOD	ROYCO® LGF
Kinematic Viscosity @ 40°C, cSt	ASTM D445	14.55
Acid Number, mg KOH/g	ASTM D974	2.7
API Gravity	ASTM D4052	30.05
Pounds per Gallon		7.292
Color, ASTM	ASTM D1500	1.3
Materials		Conforms

*The analytical data are guide values.

Packaging

ROYCO® LGF is available in 55 gallon drums and 5 gallon pails. Other packaging may be available on request.

Handling



ROYCO® LGF Aviation Hydraulic Fluid

Consult product safety data sheet (SDS) for additional handling information on **ROYCO® LGF**

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