

ROYCO® HF-825

Aviation Performance Fluid

Description

Royco® HF-825 is a concentrated solution of a methacrylate-polymer in synthetic diester based oil which provides lubricity, and at the same time, a “tacky” film. Royco® HF-825 is ashless so it will not cause deposits or coke formation in the oil, wetted sections of engines or hydraulic systems.

Application

Royco® HF-825 is used as an assembly aid to “stick-hold” parts together in multi-component mechanisms such as gearboxes, pumps, and engine accessories. Royco® HF-825 is also used to “wet out” or lubricate O-rings prior to pressing them into cavities thus preventing chafing or tearing of the O-ring surface. Because Royco® HF-825 is commonly used as a viscosity index improver in many lubricating oils, there is no cause for compatibility concerns when used in contact with the oil-wetted areas of the lube system.

Features and Benefits

- **No ash, deposits or coke formation**
- **Application in a wide variety of assembly operations of wetted surfaces**



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Technical data*

PROPERTIES	TEST METHOD	ROYCO® 482
Kinematic Viscosity @ 100 °F, cSt	ASTM D445	2,468
Kinematic Viscosity @ 100 °C, cSt	ASTM D445	329
Flash Point, °C	ASTM D92	203
Fire Point, °C	ASTM D92	222
Specific Gravity, 60°F/60°F	ASTM D1298A	0.912
Density, Pounds per Gallon, 60 °F		7.60
Gravity, API	ASTM D287	23.6
Acid Number, mg KOH/g	ASTM D664	0.2

*The analytical data are guide values.

Packaging

ROYCO® HF-825 is available in 24X1.75 lb cases and 5 gallon pails. Other packaging may be available on request.

Handling

Consult product safety data sheet (SDS) for additional handling information on ROYCO® HF-825

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