

ANDEROL PRODUCT DATA SHEET

ROYCO® 481

MINERAL BASED TURBINE ENGINE OIL

GENERAL INFORMATION

ROYCO 481 is a mineral oil based lubricant formulated with modern additives to provide oxidation and corrosion protection as well as high viscosity index for both low and high temperature fluidity. ROYCO 481 is approved as a P-10 preservative under MILSPEC: MIL-STD-2073-1C for use in gas turbine engines and fuel systems.

TYPICAL PROPERTIES:

PROPERTIES	ROYCO 481
Viscosity, cSt	
@ 100°F	10.50
@ -40°	2700
Viscosity Stability, 3 hrs/-40°F%	0.20
Flash Point, °F	305
Pour Point, °F	-75
Total Acid No, mq KOH/g	0.01
Trace Sediment, ml/200cc	0.001
Gravity, °API	29.1

ROYCO 481

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For more information please refer to the relevant Material Safety Data Sheet accompanying each product.

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APPLICATIONS

ROYCO 481 is recommended for lubrication of gas turbine engine components and as a flushing and preservative fluid for aircraft fuel systems and components. The high viscosity index provides for operation in a wide range of operating temperatures in high-speed turbines as well as gas turbine engines. ROYCO 481 may also be considered as the primary turbine engine lubricant in many aircraft turbine engines designed to run on mineral based lubricants.

ADVANTAGES

- Wide operating temperature range
- High and low temperature fluidity
- Excellent oxidation and corrosion protection
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APPROVALS

ROYCO 481 meets all requirements of and is qualified to MIL-SPEC: MIL-PRF-6081D Grade 1010.

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