

# ANDEROL PRODUCT DATA SHEET

## ROYCO® 363

GENERAL PURPOSE LOW TEMPERATURE LUBRICATING

### GENERAL INFORMATION

ROYCO 363 is a highly refined mineral oil based lubricant formulated with modern additives to provide oxidation and corrosion protection, low temperature fluidity, rust inhibition, and good resistance to evaporation.

### TYPICAL PROPERTIES:

PROPERTIES	ROYCO 363
Viscosity, cSt	
@ 100oF	10.5
@ -40oF	3410
Flash Point, oC	153
Pour Point, oF	-62
Precipitation No.	0
Gravity, API	29.0
Evaporation, 212oF/22 hrs.	11.5
Oxidation Corrosion, 250oF/168 hrs.	
Copper, wt, mg/cm <sup>2</sup>	- 0.02
Aluminum, wt, mg/cm <sup>2</sup>	+0.02
Steel, wt, mg/cm <sup>2</sup>	- 0.01
Magnesium, wt, mg/cm <sup>2</sup>	+0.01
Cadmium, wt, mg/cm <sup>2</sup>	- 0.01
Viscosity chg, %	7.2
T.A.N. chg, mq KOH/g	0.10
Insolubles, mg/100 ml	0.10
Corrosion, Bimetallic Couple	Pass
Rust Protection, Humidity Cabinet	Pass

**ROYCO 363**

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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 363 is recommended for the general-purpose lubrication of instrument and airframe components including bearings, actuators, hinges and latches on both military and civilian aircraft. It is suitable for use over the temperature range from -65°F to 250°F.

## ADVANTAGES

- Wide operating temperature range
- Offers excellent oxidation and corrosion protection

## LIMITATIONS

ROYCO 363 has limited use at high temperatures - unless provisions are made for frequent relubrication. Where low volatility, and higher temperatures are required, ROYCO 885 is recommended.

## APPROVALS

ROYCO 363 meets all requirements of and is qualified to MILSPEC: MIL-PRF-7870C.

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