

# ANDEROL PRODUCT DATA SHEET

## ROYCO® 308CA

GENERAL PURPOSE LUBRICATING OIL AND PRESERVATIVE

### GENERAL INFORMATION

ROYCO 308CA is a highly refined mineral oil based lubricating oil blended with modern additives for rust and corrosion inhibition and improved water displacing characteristics. ROYCO 308CA is designated as a P-9 rust inhibi-

### TYPICAL PROPERTIES:

PROPERTIES	ROYCO 308CA
Pour Point °C	-66
Cloud Intensity -65°F/72 hrs.	PASS
Flash Point COC °C	150
Viscosity cSt	
@ 40°C	11.3
@ -40°C	4,575
@ -54°C	49,000
Copper Corrosion, 3 hr/100°C	1A
Precipitation Number	0.00
Galvanic Corrosion	PASS
Rust Protection 110°F/168 hrs.	PASS
Film Characteristics even coat	PASS
Removeability	PASS
Water Displacement	PASS
Shell 4 Ball Wear mm <sup>2</sup>	0.80
Evaporation % wt. 100°C/22 hrs.	10.5
Specific Gravity 60°F	0.889
Oxidation - Corrosion Stability 250°F/168 hrs.	
Copper mg/cm <sup>2</sup>	0.02
Aluminium mg/cm <sup>2</sup>	0.10
Steel mg/cm <sup>2</sup>	0.01
Magnesium mg/cm <sup>2</sup>	0.10
Cadmium mg/cm <sup>2</sup>	0.01
Viscosity Change %	9.1
T.A.N. Change	0.10

**ROYCO 308CA**

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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 308CA was developed for the lubrication and protection against corrosion of small arms and automatic weapons however, it may be used as a general-purpose lubricant in all applications where water displacement, water resistance, corrosion protection and/or low temperature performance is required. ROYCO 308CA is an excellent lubricant for locks, hinges, electric motors, chains, and fishing, hunting and camping equipment. For small engine storage, pour slowly into the throat of the carburetor until the engine stalls. The engine is now preserved internally and assures that no gums or corrosion will develop during storage and that valves will not stick during start-up.

## ADVANTAGES

- Excellent rust and corrosion resistance
- Outstanding water resistance

## COMPATABILITY

ROYCO 308CA is not recommended as a lubricant at temperatures below -70oF. For operation at extreme low temperatures ROYCO 363 is advised.

## APPROVALS

ROYCO 308CA meets all requirements and is qualified to Federal Specification: MIL-PRF-32033, which supercedes and replaces VV-L-800C.

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