

# ANDEROL PRODUCT DATA SHEET

## ROYCO® 757

LOW TEMPERATURE HYDRAULIC FLUID AND  
PRESERVATIVE FOR AIRCRAFT AND MISSILE SYSTEMS

### GENERAL INFORMATION

ROYCO 757 is a low viscosity mineral based fluid developed especially for use as an operational fluid for missile systems, aircraft, and Unmanned Aerial Vehicles (UAVs) requiring reliable fluid performance in the temperature range of -64° C to +135° C. ROYCO 757 is superclean filtered so as to eliminate system failures due to particulate contamination. High performance additives are used to provide antiwear protection as well as resistance to foaming, rust, oxidation, as well as providing low temperature stability and low temperature fluidity.

### TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ROYCO 757
Kinematic Viscosity, cSt	ASTM D445	
@ 100 °C		1.85
@ 40 °C		4.50
@ -40 °C		100
@ -54 °C		375
Pour Point, °C	ASTM D97	-65
Cloud Point, °C	ASTM D2500	-75
Flash Point, °C	ASTM D92	99
Steel on Steel Wear, mm <sup>2</sup>	ASTM D4172	0.50
Cu Corrosion	ASTM D130	1B
API Gravity	ASTM D287	30.8
Specific Gravity, 60/60 °F	ASTM D1298	0.872
Density, lb./gal		7.26
T.A.N., mq KOH/g	ASTM D664	0.16
Particulate Contamination, #s/100 ml	FTM 3009	
5-10 mu		1500
11-25 mu		200
26-50 mu		50
51-100 mu		5
> 100 mu		0

**ROYCO 757**

®ANDEROL is a reg. trademark of ANDEROL Inc.

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

This information is furnished without warranty, representation, inducement, or license of any kind, except that it is accurate to the best of OUR knowledge or obtained from sources believed by ANDEROL to be accurate. ANDEROL does not assume any legal responsibility for use of reliance upon it. Only chemists or chemically qualified lab technicians should carry out tests. Before using any chemical, read its label and Material Safety Data Sheet.

## APPLICATIONS

- Unmanned Aerial Vehicles (UAV's)
- Missile systems
- Aircraft
- Industrial applications requiring low temperature lubricants

## ADVANTAGES

- Wide operating temperature range
- Excellent antiwear protection
- "Superclean" product to extend equipment life
- Outstanding rust and corrosion inhibition

R757: 11/30/01 : edited 10/20/04 by GMG



ANDEROL Inc.  
PO Box 518, 215 Merry Lane  
East Hanover, New Jersey USA  
Tel: 888-ANDEROL  
Or Tel: (973) 887-7410  
Fax: (973) 884-3825  
E-mail: [info@anderol.com](mailto:info@anderol.com)