

# ANDEROL PRODUCT DATA SHEET

## ROYCO® 586L AND ROYCO® 586M

MINERAL BASED GEAR LUBRICATING OIL

### GENERAL INFORMATION

ROYCO 586 is a highly refined mineral oil based lubricant formulated with modern additives to provide oxidation and corrosion protection, high load carrying, antifoaming, as well as high viscosity index for both low and high temperature fluidity.

### TYPICAL PROPERTIES:

PROPERTIES	ROYCO 586L	ROYCO 586M
Viscosity, cSt, ASTM D-445		
@ 100°F	27.2	72.9
@ 210°F	4.95	9.3
Viscosity Index, ASTM D-445	106	103
Flash Point, °C, ASTM D-92	185	196
Base Number, mq HCl, ASTM D-974	0.1	0.1
Total Acid No, mq KOH, ASTM D-974	0.1	0.1
Load Wear Index, ASTM D-2783	45.5	50.0
Foam Resistance, ml initial/final, ASTM D-892		
Seq I	Trace/0	Trace/0
Seq II	5/0	10/0
Seq III	Trace/0	Trace/0
Gravity, API	28.6	25.0
Precipitation Number, ASTM D-91	0.00	0.00
Copper Corrosion, ASTM D-130	1b	1b
Color, ASTM D-1500	2.5	2.5
Pour Point, °C ASTM D-97	-45	-35

**ROYCO 586L AND ROYCO 586M**

®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.

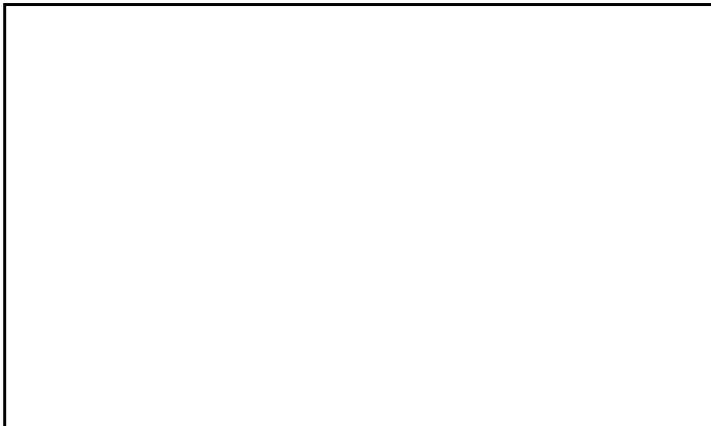
## APPLICATIONS

ROYCO 586 is recommended for lubrication of gears in high tooth load applications. Grade L is intended for use in low temperature environs and Grade M is intended for use in moderate to warm climates. ROYCO 586 is particularly suitable for the lubrication helicopter gearboxes as well as general-purpose industrial applications requiring an E.P. lubricant for heavily loaded gears.

## APPROVALS

ROYCO 586 meets all requirements of and is qualified to MILSPEC: MIL-PRF-6086E Grades L and M.

R586Ser: 11/30/01 : edited 10/19/04 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)