

ANDEROL PRODUCT DATA SHEET

ROYCO® 885

LUBRICATING OIL: INSTRUMENT & BEARING
 LOW VOLATILITY, SYNTHETIC BASE

GENERAL INFORMATION

ROYCO 885 is a light, synthetic based general-purpose instrument lubricating oil-containing additives for oxidation and corrosion inhibition, antifoaming, and rust protection. This fluid has a very low volatility and exhibits exceptional low temperature performance as well. ROYCO 885 is designated as P-17 corrosion protectant under Military Standard Mil-P-116G.

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ROYCO 885
Viscosity, cSt	ASTM D-445	
@ 54.4oC (130oF)		8.9
@ -54oC (-65oF)		10,500
Pour Point, oC	ASTM D-97	-70
Flash Point, oC	ASTM D-92	230
Precipitation No., ml	ASTM D-91	0.00
Total Acid No., mq KOH/g	ASTM D-974	0.1
Evaporation, 120oC/22 hr,%	ASTM D-97	1.0
Color	ASTM D-1500	1.5
Oxidation and Corrosion Stability		
250oF/168 hrs		
Vis. Change @ 54.4oC, %		0.5
T.A.N. Change		0.1
Insolubles, mg/100 ml		1.0
Metal Weight Change, mg/cm ²		
Steel		0.01
Aluminum		0.01
Magnesium		0.01
Copper		0.00
Cadmium		0.00
Gravity, API	ASTM D-287	21.6
Specific Gravity, 60°F	ASTM D-1298	0.924
Gravity, lbs/gal, 60°F		7.70

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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 885 is intended for use in applications requiring low evaporation rates and both low and high temperatures where an oxidation and corrosion inhibited lubricant can extend maintenance intervals and enhance component life. Uses include aircraft air cycle equipment as well as other instruments and accessories.

ADVANTAGES

- Low volatility
- Enhances component life
- Excellent oxidation and corrosion inhibition
- Extends maintenance intervals

COMPATABILITY

The synthetic based oils used in this product may soften certain paints and elastomers. Do not use with neoprene or natural rubber elastomers. Components should be evaluated for compatibility if there is any question.

APPROVALS

ROYCO 885 is qualified to and meets the requirements of MIL-SPEC: MIL-PRF-6085D as well as Boeing Material Specification: BMS 3-7.

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