

ANDEROL PRODUCT DATA SHEET

ROYCO® 27

ADVANCED SYNTHETIC MULTI-PURPOSE
AIRCRAFT GREASE

GENERAL INFORMATION

ROYCO 27 is a light tan colored synthetic ester based grease with a lithium stearate thickener. Additives are provided for oxidation and corrosion resistance as well as rust protection and extreme pressure anti-wear properties.

TYPICAL PROPERTIES:

PROPERTIES	ROYCO 27
1) Penetration, mm	
Worked	287
Unworked	275
Stability, 100,000 strokes	310
2) Evaporation, 100 deg C/22 hrs.,%	1.0
3) Storage Stability	No Gross Separation
4) Oxidation Stability, 100 hrs, 210 deg. F	2 PSI
5) Rust Prevention	PASS
6) Dropping Point, deg C	190
7) Oil Separation	
100 deg C, 72 hrs, % wt	2.3
8) Load Wear Index	37
9) Low Temp. Torque, Nm, -100 F	
Starting	0.38
Running	0.03

ROYCO 27

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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 27 is intended for use in highly loaded gears and actuators as well as instruments and high-speed bearings over temperatures from -100 to 275°F. In addition, ROYCO 27 may be used in all applications where MIL-G-3278, MIL-G-7118, MIL-G-7421, MIL-G-15793, and MIL-G-23827 are specified.

ADVANTAGES

- Designed for high loads and high speed bearings
- Wide operating temperature range
- Rust and corrosion protection
- Thermal and oxidative resistance

COMPATABILITY

The synthetic oils used in ROYCO 27 may soften natural rubbers, neoprene, some types of electrical insulating compounds, and certain paints.

APPROVALS

ROYCO 27 meets all requirements and is qualified against MILSPEC: MIL-PRF-23827C.

R27: 11/30/01: edited 10/15/04 by GMG



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