

ANDEROL PRODUCT DATA SHEET

ROYCO® 49

GENERAL PURPOSE, EXTREME PRESSURE GREASE

GENERAL INFORMATION

ROYCO 49 is a smooth, buttery, gray-black mineral oil based grease using an inorganic gel thickener and microfine molybdenum disulfide that is compounded with additives to impart oxidation resistance, water washout, and both fresh and salt-water corrosion protection.

TYPICAL PROPERTIES:

PROPERTIES	ROYCO 49
1) Penetration, worked	285
2) Dropping Point, °F	535
3) Oil Separation, %, 350°F/30 hrs	1.0
4) Evaporation, %, 350°F/22 hrs	2.25
5) Load Wear Index	55
6) Salt Spray Corrosion on Bimetallic Couple	PASS Shows No Corrosion
7) Boiling Water Immersion,	PASS
8) Water Washout, 100°F, 1 hr.	NIL
9) Copper Corrosion	1B

ROYCO 49

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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 49 is intended for use in applications where severe operating conditions may include temperatures as high as 400 degrees F, low to moderate speeds, high loads, extreme pressure, and a salt water or high pressure steam environment. ROYCO 49 exhibits excellent resistance to water washout.

ADVANTAGES

- Functions well at high operating temperatures
- Outstanding water washout characteristics
- Excellent rust and oxidation resistance
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LIMITATIONS

ROYCO 49 should not be used in high-speed anti-friction bearings without prior performance evaluation.

APPROVALS

ROYCO 49 meets all requirements and is qualified against the latest revision level of MIL-SPEC: MIL-DTL-23549D, which supersedes MIL-G-23549C.

R49: 11/30/01 EB: edited 10/15/04 by GMG



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