

ANDEROL PRODUCT DATA SHEET

ROYCO® 44

GRAPHITE AND TECHNICAL PETROLATUM
ANTISEIZE COMPOUND

GENERAL INFORMATION

ROYCO 44 is a heavy-duty antiseize compound developed for use on aircraft engine spark plugs, igniters, and threaded fasteners and fittings. ROYCO 44 has a consistency similar to modelling clay and is black in color.

TYPICAL PROPERTIES:

PROPERTIES	ROYCO 44
Worked Penetration, mm	185
Melting Point, °F	130
Evaporation, 210°F/22 hr, %	0.10
Flash Point, °F	485

ROYCO 44

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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 44 is recommended for use as an Antiseize compound for threaded fasteners and fittings as well as spark plugs, igniters, and similar threaded aircraft engine accessory equipment requiring an electrically conductive Antiseize compound or torque aid. This compound may be safely used in contact with corrosion resistant metals such as austenitic stainless steels, titanium, nickel, and cobalt alloys.

ADVANTAGES

- Prevents threaded fasteners from binding
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COMPATABILITY

Due to the graphite compound in ROYCO 44, this material should not be used in contact with aluminum, magnesium, cadmium, or zinc alloys and platings without prior evaluation. Because ROYCO 44 conducts electricity readily, the mating of dissimilar alloys, which may create an electrical potential, should be avoided.

APPROVALS

ROYCO 44 meets the requirements and is qualified to the latest revision level of SAE-AMS-2518, which supersedes and replaces MIL-SPEC: MIL-T-5544.

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