

ROYCO[®] 44

ANTISEIZE COMPOUND

Description

ROYCO 44 is a heavy-duty anti-seize compound Graphite And Technical Petrolatum developed for use on aircraft engine spark plugs, igniters, and threaded fasteners and fittings. **ROYCO 44** has a consistency similar to modeling clay and is black in color.

Applications

ROYCO 44 is recommended for use as an anti-seize compound for threaded fasteners, fittings as well as spark plugs, igniters, and similar threaded aircraft engine accessory requiring an electrically conductive anti-seize 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.

Features and Benefits

ROYCO 44 contains graphite; it may be safely used in contact with austenitic corrosion-resistant steels, titanium, nickel, cobalt alloys, similar corrosion-resistant metals and alloys.

Approvals and Specifications

Meets SAE AMS-2518B which supersedes MIL-T-5544C

Compatibility

Austenitic corrosion-resistant steels, titanium, nickel, cobalt alloys, and similar corrosion-resistant metals and alloys. Not compatible with aluminum, magnesium, ferrous, zinc and cadmium alloys or plated coatings.

Typical Properties

PROPERTIES	TEST METHOD	ROYCO 44
Worked Penetration, mm	ASTM D937	193
Stability	Para 4.5.1	pass
Material	Para 3.1	conforms

Packaging

ROYCO 44 is available in 24 x 1.75 lb cases. Other package sizes may be available on special request.

Limitations

Graphite may promote corrosion of aluminum, magnesium, ferrous, zinc and cadmium alloys or plated coatings. As such, **ROYCO 44** should not be used with such metals. This compound is an electrical conductor. Apply light coating to lower spark plug threads only. The compound must not come into contact with spark terminals or electrodes. Do not use in oxygen systems – explosion may result!

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