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Graphite Petrolatum

Thread Compound, Anti-Seize

Armite's Graphite based anti-seize is manufactured to conform to the requirements of Military Specification SAE-AMS-2518 (formerly MIL-T-5544C). Graphite petrolatum is used to prevent seizing during assembly or disassembly of aircraft engine spark plugs and threaded fasteners and fittings.

Application Considerations

This compound has been used as an anti-seize compound on aircraft engine spark plugs and threaded fasteners and fittings, but usage is not limited to such applications. This compound may be used safely in contact with austenitic corrosion-resistant steels, titanium, nickel and cobalt alloys, and similar corrosion-resistant metals and alloys. This compound contains graphite, which may promote corrosion of aluminum, magnesium, ferrous, zinc, and cadmium alloys or plated coatings and should not be used with such metals.
*This compound is an electrical conductor. Apply a light coating to lower spark plug threads only. This compound must not come in contact with spark plug terminals or electrodes. Do not use in oxygen systems – explosion may result.

Graphite Based Anti-Seize Compound	Applications
❖ Meets SAE-AMS-2518	Gaskets
❖ National Stock Number: 8030-01-044-5034 (1 lb. Can)	Slides
❖ Water resistant	Valve Stems
❖ Lead free	Fasteners
❖ Lowers friction, reduces wrench torque	Frame Bolts
❖ Permits Reuse of fittings, saves stud, bolt and nut replacement	Flange Faces
	Spark Plugs

Typical Characteristics

NLGI Grade	2-4 approx.
Color	Dark Gray
Physical State	Paste
Penetration @ 77°F	170-260
Melting Point	130°F
Specific Gravity	1.25
Additive Type	Graphite
Flash Point	480°F (249°C)
Auto Ignition Point	>500°F (260°C)
Boiling Point	<600°F (316°C)

TEST: Applications listed are suggestions. This guide will not replace your testing and evaluation procedures. Ultimate product selection shoe be based on your test results and the specific performance requirements.