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Molybdenum Disulfide Petrolatum

Armite's Molybdenum Disulfide based anti-seize is manufactured to conform to the requirements of Military Specification MIL-PRF-83483C. This compound contains molybdenum disulfide, which at higher temperature conditions (1000°F and above) may induce hot corrosion of fastener or contiguous materials. Accordingly, its use at higher temperatures should be avoided.

Application Considerations

Molybdenum Disulfide, with its excellent lubricity and high load capacity, is particularly suitable for use on aircraft spark plugs and threaded fasteners and fittings at temperatures below 800°F. It should not be used in place of sealing compounds, pipe joint and thread, lead free, general purpose conforming to TT-S-1732.

Molybdenum Disulfide Based Anti-Seize Compound

- ❖ Meets Spec: MIL-PRF-83483C
- ❖ National Stock Number: 8030-00-087-8630 (1lb. cans)
- ❖ Lead Free
- ❖ Lowers friction, reduces wrench torque
- ❖ Permits re-use of fittings, saves stud, bolt and nut replacement
- ❖ Water Resistant

Applications

Gaskets
Slides
Flange Faces
Fasteners
Frame Bolts
Spark Plugs
Valve Stems

Typical Characteristics

NLGI Grade	2-4 approx.
Color	Dark Gray
Penetration @ 77°F	170-260
Melting Point	130°F
Specific Gravity	1.45
Additive Type	MoS ₂
Flash Point	480°F (249°C)
Service Range	< 800°F
Auto Ignition Point	>500°F (260°C)
Service Range	-65°F (-54°C) to 800°F (427°C)

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

