

MOLY PETROLATUM

Anti-Seize Compound for Aircraft Spark Plugs



TECHNICAL DATA SHEET

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DESCRIPTION

Jet-Lube's **MOLY PETROLATUM** anti-seize is manufactured to conform to the requirements of Military Specification MIL-T-83483B. The intended use of this compound is to prevent seizing during assembly and disassembly of aircraft engine spark plugs and threaded fasteners and fittings at temperatures below 427°C (800°F). **MOLY PETROLATUM** is the ideal anti-seize thread compound where parts are engaged with components fabricated from similar or dissimilar metals. It is also intended to provide corrosion protection to the metal surfaces below 427°C (800°F). Since this compound contains MoS₂ which is at higher temperature conditions, 537°C (1000°F) and above, it may induce corrosion faster or contiguous materials. Accordingly, its use at higher temperatures should be avoided. For high temperature applications, **Nuclear Nonmetallic** should be utilized.

Care should be taken against the application of too heavy a coating to the components. A thin coating is all that is required to prevent seizing. In the case of blind holes, the application of an excessive amount of the compound may prevent proper seating of the components. Under low temperature conditions this component hardens and is difficult to apply. It should be kept at room temperature for 24 to 48 hours prior to use.

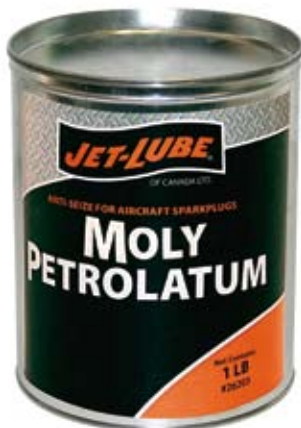
Due to the high evaporation rate of the petrolatum constituent, this compound is not suitable for use on the threaded or unthreaded components of such equipment as optical instruments where the vapors may adversely affect associated components, e.g. lenses, prisms and other optical elements.

APPLICATIONS

Gaskets	Fasteners
Spark Plugs	Slides
Frame Bolts	Valve Stems
Flange Faces	

CERTIFICATIONS

Military Specifications - MIL-T-83483B, MIL-PFR-83483



CHARACTERISTICS

- Lead free
- Lowers friction; reduces wrench torque
- Permits reuse of fittings; saves stud and bolt and nut replacement
- Meets MIL-PRF-83483C (USAF)
- Water resistant
- National Stock Number 8030-00-087-8630 (1 lb. cans)

PRODUCT SPECIFICATIONS

Thickener	Wax
Fluid Type	Mineral Oil
Color	Black
Melting Point	54°C (130°F)
Density (kg/liter), Typical	1.45
Specific Gravity	1.45
Additive Type (ASTM Type D-520)	MoS ₂
Flash Point (ASTM D-92)	249°C (480°F)
Autoignition Point (Calculated)	>260°C (500°F)
NLGI Grade	2 - 3 approx.
Penetration (ASTM D-217) @ 25°C (77°F)	170 - 260
Copper Strip Corrosion (ASTM D-4048)	1B
Service Range*	-54°C to 427°C (-65°F to 800°F)

*Based upon the properties of the Molybdenum Disulphide

PACKAGING

Inventory Code	Container Size	Container
26203	1 Lb.	Brush-Top Can

LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.