

SENT-46000

SEMI-FLUID LUBRICATING GREASE

(AUTOMATIC WEAPONS)

Military Specification: MIL-L-46000C (1)

QPL No. FA Lab Report 155837

DESCRIPTION:

SENT-46000 is a light tan colour synthetic based semi-fluid grease with a lithium stearate thickener. It is fortified with a blend of high performance additives providing antioxidation, anticorrosion, antirust and antiwear properties.

ADVANTAGES:

- Wide operating temperature range
- Outstanding antirust and antioxidation properties
- Excellent antiwear protection from metal-to-metal contact

APPLICATION:

SENT-46000 is intended for use in automatic weapons systems and accessory equipment operating in severe environments. It is recommended for the lubrication of weapons such as M16, M39, M61, and other weapon systems where high cyclic rates of fire are encountered. **SENT-46000** is suitable for use in temperatures from -65°F to 260°F.

APPROVALS:

SENT-46000 meets all requirements of Military Specification MIL-L-46000.



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Properties	Typical Results
Evaporation, 8 hours/300°F, %	1.6
Penetration, 2°C, Plastic Cone	375
Machine Gun Performance, M61	Pass
Oxidation Stability, 6 hours, 150°C, psi	2.5
Storage Stability, 6 months	Pass
Rust Prevention	
168 hours	Pass
400 hours	Pass
Steel on Steel Wear, 1 hour/50kg/120°C, mm ²	0.4

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