

SANTOVAC[®] 5 GB

Lubricating Grease

Ultra High-Vacuum and High-Temperature Fluid

SANTOVAC 5 GB Lubricating Grease is a non-melting, high temperature, ultra-high vacuum grease with exceptional resistance to oxidation, radiation, chemical attack, and moisture. The base fluid used in this grease is Polyphenyl Ether (SANTOVAC 5) that has been successfully used for many years in high performance vacuum applications. SANTOVAC 5 GB Grease is also recommended for applications, where exposure to extreme chemical environments, radiation, and high temperature is expected.

ATTRIBUTES:

◆ Exceptionally Low Volatility	◆ High Thermal Stability
◆ Resists Chemical Attack	◆ Resists oxidation and radiation
◆ High Dielectric Strength	◆ Excellent Resistance to Rust and Corrosion

Typical Physical and Performance Properties¹

Physical Properties	Typical Results
Appearance	Smooth, white
Worked Penetration	220
Un-worked Penetration	224
Dropping Point, °C	>260
Evaporation Rate, 24hrs./150°C	Nil
Oil Separation, 24hrs./150°C	<0.1
Vapor Pressure	4×10^{-10} Torr at 25°C
Max Operating Temperature, °C	316

¹ Please note that these data are typical of samples tested in the laboratory and are not to be considered as sales specifications.

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