



JIT Silicones Plus
 P.O. Box 24 Mars, PA 16046
 Ph- 855-548-7587
 www.jitsiliconesplus.com

JIT Silicones Plus

High Performance Lubricants

Product Information

PFPE9207 High Performance PFPE Greases

JIT PFPE 9207 grease is made in USA from high performance PFPE backbone lubricants. This material is formulated to operate at temperatures from -22°F (-30°C) to 550°F (288°C) with short term operation to 572°F (300°C).

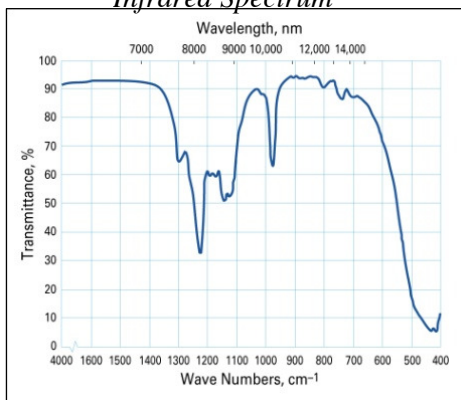
JIT PFPE 9207 grease operates in extreme temperatures and pressures which hydrocarbon and silicone greases cannot match in performance. This grease complies with NSF H-2 rating with NLGI Grade 2 penetration characteristics.

JIT PFPE grease is nonflammable, chemically inert and insoluble. The chemical inertness makes it resistant to any reaction that forms gummy or solid deposits. Due to abundance of C-F bond in the PFPE backbone oil, the grease will not explode, decompose, ignite or breakdown when exposed to severe environments. Classified as ultra heavy-duty grease with superb characteristics under boundary and mixed friction conditions.

This grease has demonstrated extreme chemical inertness to many known, highly reactive chemicals like Oxygen, Ozone, boiling acids, molten KOH & NaOH, hydrogen peroxide, fluorine & chlorine gases as well as rocket fuels like hydrazine.

This material is custom formulated by utilizing proprietary anticorrosion and anti-wear additives to ensure rust prevention at room temperature and corrosion prevention at high temperature operations. Ideal for extreme pressures where lubricant's integrity is paramount for the performance of the parts under severe conditions.

Infrared Spectrum



Typical Properties ASTM D2509

Max. Load / No Seizure	Min. Load / With Seizure	Scar Width @ Max. Load
OK Load 60 Lb.	Score Load 70 lb.	1.126mm

4-Ball Typical Results ASTM-D2266		Vapor Pressure Typical Results
1 hr., 1200 rpm, 220°F, 20Kg	0.4mm	MPa @ 200°C(392°F) -2.0 x 10 ⁻⁹

The information provided here is to best of our knowledge accurate and reliable. JIT Silicones Plus makes no warranty, expressed or implied that parts lubricated from these materials will perform in customer's application. It is the customer's responsibility to evaluate prior to use.

Krytox® is a registered trademark of DuPont. *IR plot courtesy of DuPont.