

PFPE GREASE

Non-Toxic Extreme Service



TECHNICAL DATA SHEET

3820 - 97 Street, NW, Edmonton, Alberta Canada T6E 5S8 • Phone (780) 463-7441 Toll Free 1-888-771-7775 Fax (780) 463-7454 Toll Free 1-888-449-4449
email: sales@jetlubecanada.com Web site: www.jetlubecanada.com

DESCRIPTION

JET-LUBE PFPE GREASE is a PTFE thickened perfluorinated polyether fluid providing optimum oxidation resistance at temperatures up to nearly 600°F. This combination of materials has the additional benefit of being essentially inert to all but a couple of fluorinated, higher molecular weight solvents. The base fluid carries exceptionally high extreme pressure properties with a 4-Ball Weld Point of 800 - 1000 kilograms of force. It must be cautioned, however, that base oil viscosity is the critical parameter in long-term bearing protection and performance.

Due to its extreme resistance, Jet-Lube **PFPE GREASE** can be utilized in such services as oxygen, chlorine where other lubricants would spontaneously combust. It can also be utilized around gasoline, benzene, xylene, etc. that easily wash away other lubricants.

- Unmatched chemical & solvent resistance
- Excellent electrical & radiation resistance
- Compatible with nearly all elastomers & plastics
- Inert to liquid & gaseous oxygen
- Capable of NSF/USDA food contact registration
- Nonflammable
- Extremely wide operating temperature range
- Nontoxic

APPLICATIONS

O-ring lubrication and protection; food processing; canning and textile equipment; solvent resistant for valve, gasket and bolt applications with rail cars; lubrication of equipment used in high vacuum applications; cryogenic apparatus and pneumatic systems; any many other extreme service applications below 600°F.



PRODUCT SPECIFICATIONS

Thickener	PTFE, micro-sized
Fluid Type	PFPE
Color	White to beige
Dropping Point	(ASTM D-566) None
Specific Gravity	1.92 typ.
Density (lb/gal)	16.00 typ.
Cone Penetration	
Unworked	282
60 Strokes	290
10,000 Strokes	288
Base Oil Viscosity	ISO 150
cSt @ 40°C	147
cSt @ 100°C	16
Viscosity Index	117
4-Ball Weld Point	800 kgf
Load Wear Index	>100

OPERATING RANGE

-30°C to 314°C (-22°F to 600°F)

PACKAGING

Inventory Code	Container Size	Container
38350	14 oz	cartridge

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.