

PFPE GREASE

DESCRIPTION

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

Cross-reference to DuPont part numbers:

- Valves-GPL 206
- Bearings-GPL 226

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 CHARACTERISTICS

| | |
|-----------------------------|-------------------|
| 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 |

PACKAGING

| Code No. | Container Size | Container |
|----------|----------------|-----------|
| 38350 | 1.72 lb. | Cartridge |
| 38307 | 3.5 lb. | Can |

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. 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, Inc.

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, Inc. shall not be liable for incidental or consequential damages.

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