

PFPE GREASE

Description:

DEACON PFPE GREASE is a PTFE thickened perfluorinated polyether fluid providing optimum oxidation resistance at temperatures up to 500°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, DEACON 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

FOR INDUSTRIAL USE BY PROFESSIONALLY TRAINED PERSONNEL ONLY.

CONSULT MSDS & TECH SHEET FOR ALL SAFETY, TECHNICAL, & WARRANTY INFORMATION BEFORE USE.

NOT RECOMMENDED FOR USE ON NUCLEAR APPLICATIONS

LIMITED WARRANTY: This product is subject to a limited warranty, which can be found at http://www.deaconindustries.com/_pdf/Limited%20Warranty.pdf. No other warranties are made with respect to this product. The responsibility for determining whether this product is suitable for use on a particular application rests solely with the end user. Jet-Lube LLC / Deacon recommends that the product be tested prior to use.

Applications:

O-ring lubrication and protection; food processing; canning and textile equipment; solvent resistant for valve, gasket and bolt applications with railcars; lubrication of equipment used in high vacuum applications; cryogenic apparatus and pneumatic systems; any many other extreme service applications below 500°F.

Product Characteristics

Thickener	PTFE, micro-sized
Fluid Type	PFPE
Color	White to beige
Dropping Point (ASTM D-566)	None
Specific Gravity	2.01 typ.
Density (lb/gal)	16.75 typ.
Cone Penetration	
Unworked	282
60 Strokes	290
10,000 Strokes	288
Base Oil Viscosity	ISO 320
cSt@40°C	345
cSt@ 100°C	33
Viscosity Index	136
4-Ball Weld Point	800 kgf
Load Wear Index	>100

Packaging

Container Size	Container
1.75 lb.	Cartridge
3.5 lb.	Can

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