

# PFPE GREASE HVR400

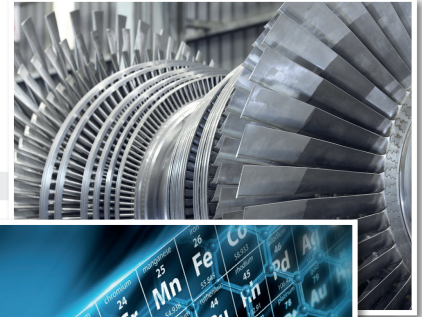
**PFPE Grease HVR 400** is a homogenous white fully fluorinated grease. It exhibits the usual properties of fluorinated products including its ability to perform where conventional hydrocarbon or synthetic greases are unsatisfactory. It is suitable for lubricating mechanical parts requiring extreme pressure lubricating properties and applications where resistance to aggressive chemicals, gases and prolonged exposure to high temperatures is an issue.

### FEATURES AND BENEFITS

- Very wide temperature range -20°C to 250°C
- Excellent rust inhibiting properties
- Excellent wear resistance properties
- Outstanding oxidation resistance
- Extremely stable at high temperatures
- Has very low vapour pressure – resistant to radiation, gaseous and liquid oxygen
- Chemically & Biologically inert (fluorinated solvents excepted)
- Compatible with metals, plastics, seals and elastomers

### APPLICATIONS

- Vacuum pumps
- Roller bearings, articulations subjected consistent high temperatures
- Mechanical components operating under high load, high speed
- Nuclear, Chemical, Oxygen, Aerospace industry applications
- Instrument lubricants
- Lifetime sealed, maintenance-free bearings
- Preservation of electrical contacts



Product Code: ML-15504

**Pack Sizes: 28g syringe, 1kg pot, 400ml carts, 10kg kegs, 20kg kegs**



PROPERTIES	VALUES	UNITS	STANDARDS
Colour	White		
Mass Volume (20°C)	1.99	Kg/dm <sup>3</sup>	ISO 2811
Thickener	PTFE		
Base Oil	PTFE		
Base Oil Viscosity @ 40°C	400	mm <sup>2</sup> /s	ISO 3104
Consistency	2	Rank	NLGI
Drop point	Without	°C	ISO 6299
Max rotation factor	300.000	N x dm	
Corrosion test EMCOR	0	Quotation	DIN 51802
Worked penetration	265/295	XO.1mm	ISO 2137
Radiation resistance	5x10 <sup>5</sup>	Gy	
Vapour pressure (100°C)	1.2 x 10 <sup>-7</sup>	torr	ISO 3007
Volume resistivity (20°C)	1 x10 <sup>15</sup>	Ohm x cm	
4 ball weld load	>620	daN	ASTM D 2596
Copper corrosion	1a		
Temperature range	-30°C to +260°C	°C	

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