

ExxonMobil Unirex PF 500

Category : Fluid , Lubricant

Material Notes:

Formulated with perfluoropolyether that has been thickened with a non-organic polytetrafluoroethylene, UNIREX PF 500 is a long-life, severe-service grease for bearings, valves, seals and other applications that require excellent film strength at high temperatures. Developed for single-facer heated roll bearings in a corrugator, UNIREX PF 500 has proved to be excellent for a wide variety of demanding high-temperature applications, including those found in the textile, steel, aluminum rolling, automotive, aerospace and forest product industries. UNIREX PF 500 is compatible with other PFPE/PTFE greases, but should not be used with common mineral or synthetic greases. UNIREX PF 500 is compatible with most common seal and gasket applications (Viton, Butyl, Neoprene and Buna N).

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Unirex-PF-500.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	135	135	Index
Kinematic Viscosity at 40°C (104°F)	510 cSt	510 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	47 cSt	47 cSt	ASTM D445
Oxidative Stability	100 hour	100 hour	Pressure Drop of 3.4 kPa; ASTM D942
Evaporation Loss	0.00 %	0.00 %	24 hrs @ 150°C

Mechanical Properties	Metric	English	Comments
Four Ball Wear	0.660 mm	0.0260 in	40 kg, 1200 rpm, 75°C, 1 hr; ASTM D2266
Oil Separation	0.10 %	0.10 %	24 hrs @ 100°C
	4.9 %	4.9 %	24 hrs @ 150°C

Thermal Properties	Metric	English	Comments
Pour Point	-20.0 °C	-4.00 °F	

Descriptive Properties	Value	Comments
Color	white	
Copper Strip Corrosion, ASTM D130	2A	24 hrs @ 150°C
Water Washout, ASTM D1264, wt%	1.1	@ 79°C

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