

ATLANTIC™ PF-30 LUBE

Multi-Purpose PFPE Grease

DESCRIPTION

ATLANTIC PF-30 LUBE is a perfluoropolyether (PFPE) base oil, with state-of-the-art additives, which is thickened with PTFE to form a grease. It can be used in a myriad of applications due to the excellent chemical resistance, wide temperature range, low volatility, high load carrying ability, high oxidative and thermal stability, non-toxicity, excellent radiation resistance, high volume resistivity, low pour point, and refractive index suitable for optical systems.

USAGE

Whenever one finds limitations with their present grease, ATLANTIC PF-30 meets the challenging requirements. For example, ATLANTIC PF-30 does not attack seals under high temperature; it is not attacked by fuming sulfuric acid, or high pH caustic sodium hydroxide; it has no flash point; therefore, it is safe to use under any conditions. It is safe to use in oxygen service; it can be used continually at 550°F, so it finds a multitude of uses at high temperatures, it has a low pour point for excellent low temperature performance. It has very low volatility at high temperatures, so it is excellent in sealed-for-life bearing applications. It has high EP characteristics, so it can be used in heavily loaded bearings. The high-temperature resistance and base oil viscosity allows it to be used in high-speed bearings at high temperatures, and its high EP characteristics allows it to be used in low speed bearings. ATLANTIC PF-30 produces its own anti-wear additive, which reduces friction and wear.

CAUTION: ATLANTIC PF-30 may react with aluminum or magnesium under high temperature conditions.

ADVANTAGES

Chemically Resistant	Non-Flammable
High Thermal and Oxidative Stability	Wide Temperature Range
High Dielectric Strength	Multi-Purpose Applications

TYPICAL SPECIFICATIONS

Color	Translucent Off-White
NLGI No.	2
Penetration, Worked	265-295
Base Oil Viscosity @ 104F, cSt	140
Flash Point, F	None
Temperature Range, F	0 to +550
Evaporation, wt%, 400 F, 22 hours, %	2
Four Ball EP Test, EP Weld Load, KG	800+
Four Ball Wear, mm, 1 hour, 75 C, 40 KG	0.60

PACKAGE AVAILABILITY

12 oz. Brush Top Jars, 1-1/2 lb. Tubs, 1 lb. Sticks and Other Package Sizes Available Upon Request