

61000 PFPE Lubricant Series

The 61000 Series is a low cost multipurpose PFPE line of greases and fluids. All products in this series contain innovative liquid EP, antiwear and antirust additives. This series offers low volatility on metal and plastic applications with a wide operating temperature range. Blends with a CFC-free, non-toxic, non-flammable solvent carrier to aid application are available. An ultraviolet tracer is available for thin film applications. Most can be custom modified to a different NLGI grade for grease or for custom viscosity for fluids.

Characteristics

- Operating temperature ranges from -70°F to 400°F
- Chemically inert
- Nonflammable
- Insoluble in water
- Extremely low evaporation rates
- Extends lubrication intervals reducing down time
- Innovative additives that have replaced sodium nitrite

Typical Properties

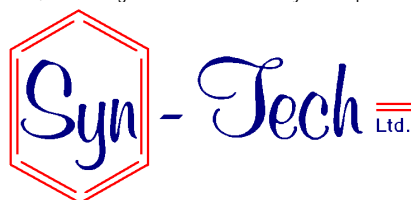
	NS-61015	NS-61022	NS-61100	NS-61150	NS-61320	NS-61460	NS-61500
<u>Fluid Properties</u>							
ISO grade	15	22	100	150	320	460	-
Viscosity @ 40°C	14.7	20.9	78	150	339	427	513
Viscosity @ 100°C	3.2	4	9.7	15.9	32	41	48
VI	68	77	102	110	133	146	151
Pour Point (°C)	-58	-50	-35	-30	-25	-25	-20
Evap. Loss (%)149°C for 22 hrs	---	21	1.9	0.8	0.4	>.1	>.1
Vapor Pressure (torr) @ 25°C	10 ⁻⁶	10 ⁻⁶	10 ⁻⁶	10 ⁻⁸	10 ⁻⁹	10 ⁻⁹	10 ⁻⁹
<u>Grease Properties</u>							
NLGI grade	2	2	2	2	2	2	2
Dropping point (°C)	>260	>260	>260	>260	>260	>260	>260

Product suffixes:

- F: Fluid
- G: Grease
- H: High temperature capability grease
- A: Molybdenum disulfide and graphite for smooth feel on metals
- UV: Ultraviolet tracer added

9/03 Rev0

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