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An ISO9001 Certified Company

PD PSL 371

REV. # 5

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PSL371
SYNTHETIC ULTRA HIGH TEMPERATURE BEARING LUBRICANT

DESCRIPTION

PERMAWICK PSL 371 OIL is a synthetic based lubricant which is part of an Ultra high temperature, non-flammable, high performance line of lubricants designed to excel in harsh environments.

PERMAWICK PSL 371 OIL provides the highest level of protection against thermal breakdown in the industry. In addition this lubricant provides the ultimate in chemical and solvent resistance while offering excellent evaporation control.

PRODUCT FEATURES

- Ultra high temperature applications not tolerated by Esters and PAO's
- Excellent low temperature fluidity
- Outstanding lubricating and anti-wear properties
- Excellent temperature stability
- Low friction on wearing surfaces
- Recommended service temperature: -15°C to 260°C

<u>Performance Test</u>	<u>ASTM Method</u>	<u>Typicals</u>
Density g/ml @ 20°C	D891	1.94
Pour Point, °C	D97	-36
Viscosity, cSt. 20°C	D445	810
40°C		240
100°C		25
204°C		3.9
260°C		2.1
Viscosity Index	D2270	134
Evaporation Loss, wt%		
22 hours @ 66°C (150°F)	D972	<1
22 hours @ 121°C (250°F)		1
22 hours @ 204°C (400°F)		<5
Falex EP test		
Max load kg (lb)	D4172	>2000 (>4500)
Torque at max load (lb-in)		65
Four ball wear test	D4172	
107°C, 20Kg, 1 hour		
1200 rpm/40 kg		
Average scar diameter		0.3
Friction Coefficient		0.08

The World Leader in Fractional Horsepower Motor Lubrication

PermaWick Product Data Sheet