

No.1110-01661K-02

Penta-phenyl Ether Synthetic Lubricant

S-3105

S-3105 is a synthetic lubricant based on Penta-phenyl Ether. There are structural superiorities on the heat-resistant property, the oxidation-resistant property, the radiation-resistant property and the low vapor pressure.

Because Penta-phenyl Ether has the best heat-resistant and oxidation-preventive properties in every organic liquid compounds, as an excellent lubricant, it is used under special conditions such as at high temperatures or in radioactive environments.

◆ Characteristics

* Excellent heat-resistant property / oxidation-resistant property

Long life lubricant makes maintenances easier.

* Low vapor pressure

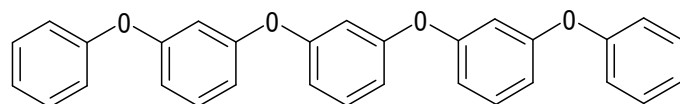
Less evaporation realizes long life.

* Excellent radiation-resistant property

It is suitable for radioactive environments.

* Good suitable for metals

No corrosion.



◆ General property

Density	g/cm ³ (15°C)	1.20
Color	ASTM	L0.5
Flash point	°C	280
Kinematic Viscosity	mm ² /S (40°C)	290
	Mm ² /S (100°C)	12.7
Viscosity index		-64
Total acid value	mgKOH/g	0.00
Pour point	°C	2.5
Vapor Pressure	Pa (25°C)	1 × 10 ⁻⁹
Oxidation Stability*	min.	Over 50000

*Test Method : ASTM D-2272

◆ Package

100ml/bottle 500ml/bottle

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