

No.9903-02060K-01

Synthetic diffusion pump oil

NEOVAC SY

Description

NEOVAC SY is the synthetic vacuum diffusion pump oil which is produced by the fractional distillation process by using finely refined alkyl-diphenyl-ether in our unique molecular distillation device.

NEOVAC SY provides an extreme low vapor pressure and has a long life due to its excellent thermal and oxidation stability.

Characteristics

☆ *Low vapor pressure*

Pump being unable to obtain the lowest pressure with a low back streaming value, which is an untrapped and ultimate pressure at 10^{-8} Torr.

☆ *Narrow molecular W/T range*

Pumps can get a maximum speed and wide operation range, which minimizes the irregular pump operation caused by the variation of the voltage.

☆ *Excellent chemical stability*

This oil does not react by such metallic catalyst, as iron and copper at high temperature, and has a long life, due to its excellent thermal and oxidation stability. This is more stable oil than mineral oil and other synthetic oil.

General property

		SY
Viscosity	40°C·mm ² /s	25.0
Color	ASTM	L0.5
Flash point	°C	260
Vapor pressure	25°C, Pa	Below 1.0×10^{-6}
	25 , Torr	Below 1.0×10^{-8}

◆ *How to use*

The operated temperature : 180~235°C

NEOVAC SY is unable to be blended with water or other fluids.

Storage

Please refer to Material Safety Data Sheet (M.S.D.S.)

◆ *Package*

1 liter / tin 4 liters / tin 18 liters / can 20 liters / can 200 liter drum