

DESCRIPTION

LOFGE DPO-S silicon diffusion pump oils is a synthetic organo silicon liquid. They possess many advantages of high thermal stability, strong anti-oxidation and good chemically inert. It can be widely used in a variety of industrial applications.

APPLICATION

- It can be used variety of high vacuum system diffusion pumps.

FEATURE

- High vacuum limit: 10⁻⁶ to 10⁻⁹ mbar (untrapped).
- Faster pumping : It may achieve maximum of vacuum pressure at faster time.
- Be used long life: because its thermal and chemical stability are best, so it can be allowed to longer service without fluid degradation.
- Good anti-oxidation and hydrolysis: fluids can withstand repeated admission of atmospheric air while at temperature without decomposition and It can be implemented quick-cycle in the pumps.

TYPICAL SPECIFICATION

LOFGE	UNITS	DPO-S 04	DPO-S 05
Limit Vacuum	Torr	10 ⁻⁶ ~10 ⁻⁸	1.33×10 ⁻⁹
Density	-	1.06~1.07	1.09~1.095
Viscosity (25°C)	cSt	40	160~165
Flash Point	°C	>230	>243
Pour Point	°C	<-38	<-18
Boiling Point	°C	220	>245
Molecular Weight	Kcal/g mole	-	-
Molecular Description	-	Tetramethyltet-phenyltrisioxane	Penta phenyltri-methyltrisioxane

The typical specification mentioned represent mean values.