



<DPO-60-P> <Super Diffusion Pump Oil>

DESCRIPTION

LOFGE DPO-60-P super diffusion pump oil is a synthetic fluid and be composed of a high paraffin refined, medium viscous mineral oil-based and to add high proportion of synthetic hydrocarbons and antioxidant, waterproofing agent, antifoam.

APPLICATION

- It can be used in high-vacuum coating, vacuum smelting, the electronics industry, such as high vacuum systems of all kind diffusion pumps.

FEATURE

- Lower saturated vapor pressure, pressure limit 2×10^{-9} mbar (with a N₂-condensable trap).
- Excellent oxidation resistance at high temperature, it can be serviced ultra-long time in the more deplorable working conditions.
- Excellent anti-bubble and strong water separability.
- High viscosity index, better visco-temperature performance.
- Good lubrication, fast start of pump particularly fast exhaust rate.
- It provide rapid release of the air.
- Very long service life.

TYPICAL SPECIFICATION

LOFGE		UNITS	DPO-60-P
Density	(20°C)	kg/m ³	0.858
Viscosity	(40°C)	mm ² /s	63.2
	(100°C)		8.8
Flash Point		°C	250
Pour Point		°C	-16

The typical specification mentioned represent mean values.