



# <EW-15> <Molecular Pump Oil>

## DESCRIPTION

LOFGE EW-15 molecular pump oil is a synthetic fluid. It be composed of synthetic oil as base and to add quality additives of refined antioxidant, waterproofing agent, antifoam.

## APPLICATION

- Use in high-vacuum coating, vacuumsmelting, the electronics industry, such as high vacuum systems of all kind high speed molecular pumps.
- It is suitable for the fretting driving turbo bearings which moving from 20,000r/min to 60,000r/min.

## FEATURE

- Low viscosity, high oiliness.
- There are excellent performance of lubricative friction and heat-stable, and can maintain a good use in the long-term high temperature friction state.
- Very low saturation vapor pressure, so that equipment can quickly better vacuum limit.
- Excellent emulsifying properties and oil-water separability.
- Good lubrication , fast start of pump and low energy consumption to reduce the wear of equipment and kept clean.

## TYPICAL SPECIFICATION

LOFGE		UNITS	EW-15
Density		kg/m <sup>3</sup>	0.890
Viscosity	(40°C)	mm <sup>2</sup> /s	15
	(100°C)		3.1
Viscosity Index		-	130
Flash Point		°C	180
Pour Point		°C	-54

The typical specification mentioned represent mean values.