

# Vacuum Pump Oil (VP5)



## Product Description

Podlee vacuum pump oil is a specialized lubricant designed for use in vacuum pumps to ensure efficient operation and maintain optimal vacuum levels. It plays a critical role in lubricating moving parts, sealing gaps, dissipating heat, and protecting components from wear, corrosion, and contamination.

## Application

Rotary vane, diffusion, turbomolecular, and scroll vacuum pumps.

Industrial processes: semiconductor manufacturing, optical coating, vacuum furnaces, and freeze drying.

Laboratories, medical equipment, and HVAC systems.

## Advantages

Low saturated vapor pressure

Excellent oxidation stability and thermal stability

Good lubricity and sealing performance

Superior oil-water separation, foam resistance, and viscosity-temperature characteristics

## Typical Characteristics

Item	Test Data			Standard
Viscosity (mm <sup>2</sup> /s@104 F /40 °C)	46	68	100	ASTM D445
Viscosity Index	101	105	110	ASTM D2270
Flash Point - Open Cup Method, ( F/°C)	208/98	213/101	222/106	ASTM D92
Pour Point ( F/°C)	5/-15	5/-15	5/-15	ASTM D97
Water (%)	None	None	None	ASTM D95
Rust Preventing Characteristics (A)	Pass	Pass	Pass	ASTM D665
TAN mgKOH/g	0.1	0.1	0.1	ASTM D664

## Package

18 L/Barrel

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