

PETRONAS

PLI VPO

Description Special oil for the lubrication of high vacuum pumps.

Application Recommended for use in the majority of high vacuum pumps working with an absolute pressure of 50 microns of mercury (or 0,05 torr) or even lower.

Properties

- Exact viscosity for fast and uniform oil distribution and perfect sealing of the narrow passages between pump blades, rotor and cylinder walls.
- Very low vapour pressure. Good film strength for minimum friction and lowest possible wear.
- Suitable water separating properties. High oxidation stability for extended oil life time. Relatively low water content.
- Specially adapted for vacuum type applications in the refrigeration industry.

Typical analysis :

Density at 15°C	0.885
Viscosity at 40°C / cSt	68
Viscosity at 100°C / cSt	8.7
Viscosity index	98
Flash point °C	230
Pour point °C	-30
TAN mg KOH/g	1.0

All technical data are provided for reference.

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