

PETRONAS VACUUM PUMP OIL 68

Special oil for high vacuum pumps

PETRONAS VACUUM PUMP OIL 68 is a highly refined mineral oil specifically designed to fulfill the needs of vacuum type applications in the refrigeration industry, for maximum efficiency of the system and corrosion prevention of the internal parts.

Applications

PETRONAS VACUUM PUMP OIL 68 is 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.

Features and Benefits

Features	Benefits
Excellent viscosity retention	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.
Water separation properties	High oxidation stability for extended oil life.

Typical Properties

Characteristics	Method	Specification	68
Density @ 15°C, kg/L	ASTM D 4052	(1)	0.861
Viscosity @ 40°C, cSt	ASTM D 445	±10%	67,0
Viscosity @ 100°C, cSt	ASTM D 445	**	9,1
Viscosity index	ASTM D 2270	(1)	113
Flash Point, °C / °F	ASTM D 92	Report	234 / 453
Pour Point, °C / °F	ASTM D 97	**	-30 / -22

All technical data is provided for reference only. SS is available upon request, including quality control limits

**Individual limits accordingly with each viscosity grade / (1): not required in specification

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Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at: www.pli-petronas.com

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