

SHV Series

Synthetic vacuum pumps



Your benefits at a glance

- Excellent water separation
- Provide protection against wear, rust and corrosion

Your requirements - our solution

The Summit SHV Series is formulated from vacuum distilled ultra-pure synthetic hydrocarbon base stock to provide an extremely low vapor pressure vacuum pump lubricant. These non-foaming fluids have excellent water separation and provide protection against wear, rust and corrosion. The SHV Series is an extended life lubricant designed to function in applications subject to severe temperature and environmental conditions.

Application notes

The Summit SHV Series are compatible with commonly used seal and gasket materials in vacuum pump service.

Material safety data sheets

Material safety data sheets can be requested via our website <https://www.klsummit.com>. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	SHV-15	SHV-22	SHV-32	SHV-46
Article number	340159	340160	340161	340162
Demulsifying capacity	40/40/0 (10) (min)	40/40/0 (10) (min)	40/40/0 (10) (min)	40/40/0 (10) (min)
Density	0.814 g/cm ³	0.819 g/cm ³	0.824 g/cm ³	0.829 g/cm ³
Flash point	185 °C	185 °C	185 °C	185 °C
Ignition Point	377 °C	382 °C	387 °C	393 °C
Kinematic viscosity, 100°C	3.5 mm ² /s	4.5 mm ² /s	5.7 mm ² /s	7.3 mm ² /s
Kinematic viscosity, 40°C	15.2 mm ² /s	21.2 mm ² /s	29.9 mm ² /s	43.2 mm ² /s
Viscosity index	113	129	134	133
Copper corrosion	1 - - corrosion degree	1 - - corrosion degree	1 - - corrosion degree	1 - - corrosion degree
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-57 °C	-62 °C	-62 °C	-39 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months	60 months	60 months	60 months

Characteristics	SHV-68	SHV-100
Article number	340163	340158
Demulsifying capacity	40/40/0 (10) (min)	40/39/0 (15) (min)
Density	0.832 g/cm ³	0.86 g/cm ³
Flash point	185 °C	240 °C

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Characteristics	SHV-68	SHV-100
Ignition Point	396 °C	404 °C
Kinematic viscosity, 100°C	9.6 mm ² /s	12.5 mm ² /s
Kinematic viscosity, 40°C	63.7 mm ² /s	93.0 mm ² /s
Viscosity index	132	130
Copper corrosion	1 - - corrosion degree	1 - - corrosion degree
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346, based on standard	-42 °C	-40 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months	36 months

Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

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