

# VSB 032-100

Synthetic Food-Grade Oils



## High performance

Synthetic oils based on polyalphaolefin (PAO), outstanding viscosity-temperature stability for optimum lubrication properties even at elevated operating temperatures, excellent cold start characteristics for low temperature applications, outstanding water and air separation for constant effective lubrication

## Efficient

Four times longer durability than comparable mineral oils, outstanding thermal and oxidative stability, extended change intervals, counteract premature wear, reduce energy consumption, high resistance to water ingress

## Food-grade

Ideally suited for all demanding food applications, H1, Halal and Kosher certification, almost odorless and tasteless, no declarable substances according to REACH regulation

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VACUUM SOLUTIONS

	VSB 032	VSB 068	VSB 100
Base lubricant	Polyalphaolefin (PAO)	Polyalphaolefin (PAO)	Polyalphaolefin (PAO)
Viscosity class	ISO VG 32	ISO VG 68	ISO VG 100
Kin. viscosity at 40°C	30.5 mm <sup>2</sup> /s	74 mm <sup>2</sup> /s	101 mm <sup>2</sup> /s
Kin. viscosity at 100°C	5.8 mm <sup>2</sup> /s	10.9 mm <sup>2</sup> /s	14.9 mm <sup>2</sup> /s
Viscosity index VI	135	137	154
Total acid number	0.66 mg KOH/g	0.7 mg KOH/g	0.68 mg KOH/g
Density at 15.6° C	0.828 kg/l	0.839 kg/l	0.843 kg/l
Flash point (COC)	234 °C	248 °C	255 °C
Pour point	-66 °C	-39 °C	-42 °C
Food certification - H1	InS	InS	InS
Halal certification	HQC	HQC	HQC
Kosher certification	Rabbinate Aachen	Rabbinate Aachen	Rabbinate Aachen

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!



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