

# VSB 032-100

Synthetic Food-Grade Oils



VACUUM SOLUTIONS



## 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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	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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