

# 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

# VSB 032-100

Synthetic Food-Grade Oils



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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