

# VSI 100

Synthetic Oil



VACUUM SOLUTIONS



## High performance

Synthetic oil based on polyalphaolefin (PAO), high viscosity-temperature stability for optimum lubrication properties even at elevated operating temperatures, good 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, counteracts premature wear, reduces energy consumption

## High resistance to chemicals

Extensive tolerance to most chemicals, especially acids and cleaning agents, good self-cleaning properties, prevents deposit/lacquer formation

# VSI 100

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| VSI 100                 |                          |
|-------------------------|--------------------------|
| Base lubricant          | Polyalphaolefin (PAO)    |
| Viscosity class         | ISO VG 100               |
| Kin. viscosity at 40°C  | 100.8 mm <sup>2</sup> /s |
| Kin. viscosity at 100°C | 14.0 mm <sup>2</sup> /s  |
| Viscosity index VI      | 141                      |
| Total acid number       | 0.66 mg KOH/g            |
| Density at 15.6° C      | 0.843 kg/l               |
| Flash point (COC)       | 272 °C                   |
| Pour point              | -48 °C                   |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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