

VS

Special Gearbox Oil for Vacuum Pumps and Compressors



VS is a special synthetic oil based on polyalphaolefin (PAO). It was developed specifically for the synchromesh gearboxes of vacuum pumps and compressors.

- › Outstanding lubricating properties
- › Excellent cold start characteristics
- › Outstanding thermal and oxidation stability
- › Long service life
- › Superior wear protection and performance under load
- › Highly compatible with sealing materials and paints



| Application | Rotary vane vacuum pumps | Lightly loaded synchromesh gearbox of: | | | |
|--|--------------------------|--|----------------|--------------------|---------------------|
| | | Claw vacuum pumps | Vacuum booster | Screw vacuum pumps | Rotary lobe blowers |
| Standard application | | ✓ | | | |
| Foodstuff application | | | | | |
| Chemically inert (oxygen-rich application) | | | | | |
| Long service life | | ✓ | | | |
| Elevated operating temperature | | ✓ | | | |
| Optimized cold start | | ✓ | | | |

| Technical data | VS 150 | Test method |
|--------------------------|-------------------------|--------------|
| Base lubricant | Polyalphaolefin (PAO) | |
| Colour/appearance | Transparent liquid | visual |
| Kin. viscosity at 40° C | 150 mm ² /s | ISO 3104 |
| Kin. viscosity at 100° C | 19,8 mm ² /s | ISO 3104 |
| Viscosity index VI | 149 | ISO 2909 |
| Density at 15° C | 846 kg/m ³ | ISO 12185 |
| Flash point | 236 °C | ISO 2592 |
| Pour point | -54 °C | DIN ISO 3016 |

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Technical data is subject to change. Created in Germany 04/2016 4.0