

SBL SERIES

Synthetic blower lubricants



Your benefits at a glance

- Extended lubricant life (up to 8,000 hours with oil analysis)
- Reduced operating temperatures
- Better corrosion protection
- Enhanced low and high temperature lubricating properties
- Longer blower life with reduced wear
- Lower maintenance costs

Your requirements - our solution

Summit SBL synthetic lubricants are formulated to provide maximum lubrication protection and service for all positive

displacement blowers including Roots, Gardner-Denver, Sutorbilt and Duroflow.

The SBL synthetic lubricants exceed the specification requirements for all of the major manufacturers of positive displacement blowers and are compatible with most commonly used seal materials.

Material safety data sheets

Material safety data sheets can be requested via our website <https://www.klsummit.com>. You may also obtain them through your contact person at Summit Lubrication.

| Characteristics | SBL-100 | SBL-150 | SBL-220 | SBL-320 |
|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Article number | 340311 | 340312 | 340141 | 340143 |
| Density | 0.857 g/cm ³ | 0.862 g/cm ³ | 0.867 g/cm ³ | 0.867 g/cm ³ |
| Flash point | ≥ 230 °C | - | - | - |
| Flash point, Cleveland open cup | - | ≥ 230 °C | ≥ 230 °C | ≥ 240 °C |
| ISO viscosity grade | 100 | 150 | 220 | 320 |
| Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C | approx. 14.6 mm ² /s | approx. 20.0 mm ² /s | approx. 27 mm ² /s | approx. 36 mm ² /s |
| Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C | approx. 100 mm ² /s | approx. 150 mm ² /s | approx. 230 mm ² /s | approx. 330 mm ² /s |
| Viscosity index, ASTM D2270 | approx. 154 | approx. 153 | approx. 152 | approx. 155 |
| Copper corrosion, ASTM D130, 3 h, 100°C | 1 - 100 - 3 corrosion degree | 1 - 100 - 3 corrosion degree | 1 - 100 - 3 corrosion degree | 1 - 100 - 3 corrosion degree |
| Steel corrosion, DIN ISO 7120 / ASTM D665, method B, 24 h, 60°C | rust-free | rust-free | rust-free | rust-free |
| Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346 | approx. -47 °C | approx. -52 °C | approx. -48 °C | approx. -49 °C |
| FZG scuffing test | 14 | 14 | 14 | 14 |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. | 36 months | 36 months | 36 months | 36 months |

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Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

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