

PSO-LT

Pump seal oil



Your benefits at a glance

- Excellent protection against rust, oxidation, corrosion and deposit formation
- Can eliminate the need for system flushes or complicated conversions

Your requirements - our solution

Summit PSO-LT is formulated to meet the strictest ammonia transfer pump seal lubrication requirements for all pumping temperatures 32°F and 32°F and higher. It is a 100 % PAO-Polyalphaolefin synthetic sulfur-free pump seal oil that is registered H1 as an NSF food grade lubricant. Summit PSO-LT optimizes low solubility and very low miscibility with R717-anhydrous ammonia along with excellent water separation (demulsibility) properties,

complete inertness (low reactivity) in the presence of ammonia and excellent protection against rust, oxidation, corrosion and deposit formation.

Summit PSO-LT is compatible with naphthenic oils, as well as other PAO and AB synthetic oils, thus eliminating the need for system flushes or complicated conversions.

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 | PSO-LT |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Article number | 340306 |
| NSF H1 registration number | 145632 |
| Demulsifying capacity | 40/40/0 (10) (min) |
| Density | 0.818 g/cm ³ |
| Flash point, ASTM D92, Cleveland open cup | ≥ 200 °C |
| Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C | approx. 3.9 mm ² /s |
| Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C | approx. 17 mm ² /s |
| Viscosity index, ASTM D2270 | approx. 120 |
| Copper corrosion, ASTM D130, 3 h, 100°C | 1 - 100 - 3 corrosion degree |
| Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346 | approx. -74 °C |
| Mineral Oils associated with, MOAH (Mineral Oil Aromatic Hydrocarbons), (Information based on recipe. The presence of impurities, cannot be ruled out.) | Component of recipe |
| Mineral Oils associated with, MOSH (Mineral Oil Saturated Hydrocarbons), (Information based on recipe. The presence of impurities, cannot be ruled out.) | Component of recipe |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. | 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.

Summit Lubrication a brand of Klüber Lubrication NA LP /
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