

RPA-68

Synthetic refrigeration compressor



Your benefits at a glance

Performance and cost benefits include:

- Reduced oil carryover and accumulation in the evaporator
- Reduced oil consumption- Up to 70% less versus mineral oils
- Reduced deposit formation & low foaming tendency
- Excellent seal, paint & plastic compatibility
- Extended lubricant service life - up to 5 times longer versus mineral oils
- Chemically stable in the presence of normal levels
- Extended lubricant service life vs.mineral oils

Your requirements - our solution

Summit RPA-68 is a synthesized hydrocarbon-alkylate 100% full-synthetic formulation for reciprocating, rotary, and centrifugal refrigeration compressor applications using any of several refrigerants including ammonia (R717), R12, R13, R22, R113, R114, R123, R401A, R401B, R402B, R409A, R500, R502 and R503.

Summit RPA is not compatible with R134A and most HFCs This product is extremely stable at higher compression temperatures while providing excellent low temperature properties at low evaporator temperatures.

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 | RPA-68 |
|--|-------------------------|
| Article number | 340478 |
| Density | 0.84 g/cm ³ |
| Flash point | 230 °C |
| Tota acid number | < 0.1 mg KOH/g |
| Kinematic viscosity, 0°C | 887 mm ² /s |
| Kinematic viscosity, 100°C | 8.9 mm ² /s |
| Kinematic viscosity, 40°C | 61.8 mm ² /s |
| Viscosity index | 119 |
| Pour point | -54 °C |
| Four-ball tester: wear characteristics | 0.85 mm |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. | 60 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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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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