

HyPar Series

Premium hydraulic oil



Your benefits at a glance

- Compatible with hydraulic system seal materials
- Zinc-free, Ashless
- Protects against rust, wear and sludge

Your requirements - our solution

Summit HyPar Series are zinc-free ashless hydraulic oils formulated to meet the requirements of all types of hydraulic systems. HyPar oils are rust and oxidation inhibited to protect against rust, wear and the formation of sludge. They are compatible with seal materials normally used in hydraulic systems.

Summit HyPar hydraulic oils contain additives necessary to meet requirements for Denison HF-O, Vickers industrial and mobile applications and Cincinnati Milcron P-68, P-69 and P-70 specifications.

HyPar 32, 46 & 68 do not produce an iridescent appearance (sheen) on the surface of the water when tested in accordance with the U.S. Coast Guard Static Sheen Test.

Percent by weight:

- Phosphorous 0.053
- Sulfur 0.111
- Nitrogen 0.018

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 | HYPAR-22 | HYPAR-32 | HYPAR-46 | HYPAR-68 |
|--|-------------------------|-------------------------|-------------------------|-------------------------|
| Article number | 340049 | 340050 | 320229 | 340051 |
| Density | 0.812 g/cm ³ | 0.854 g/cm ³ | 0.855 g/cm ³ | 0.864 g/cm ³ |
| Fire point | 221 °C | 232 °C | 246 °C | 268 °C |
| Flash point | 204 °C | 185 °C | 185 °C | 204 °C |
| ISO viscosity grade | 22 | 32 | 46 | 68 |
| Kinematic viscosity, 100°C | 4.3 mm ² /s | 5.5 mm ² /s | 6.7 mm ² /s | 8.7 mm ² /s |
| Kinematic viscosity, 40°C | 22.0 mm ² /s | 33.0 mm ² /s | 45.2 mm ² /s | 69.0 mm ² /s |
| Viscosity index | 97 | 100 | 95 | 97 |
| Pour point | -47 °C | -47 °C | -45 °C | -43 °C |
| 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 |

| Characteristics | HYPAR-100 | HYPAR-150 |
|-----------------|-------------------------|-------------------------|
| Article number | 340048 | 340543 |
| Density | 0.866 g/cm ³ | 0.873 g/cm ³ |
| Fire point | 288 °C | 301 °C |

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| Characteristics | HYPAR-100 | HYPAR-150 |
|--|-------------------------|-------------------------|
| Flash point | 204 °C | 215 °C |
| ISO viscosity grade | 100 | 150 |
| Kinematic viscosity, 100°C | 11.5 mm ² /s | 15.8 mm ² /s |
| Kinematic viscosity, 40°C | 100 mm ² /s | 160 mm ² /s |
| Viscosity index | 97 | 100 |
| Pour point | -40 °C | -37 °C |
| 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 |

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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