

HySyn® FR Series

Synthetic fire resistant hydraulic fluid



Your benefits at a glance

- Fire resistant
- Biodegradable, non-toxic to aquatic life

Your requirements - our solution

HySyn FR Series fluids are based on high quality synthetic, organic, esters and carefully selected additives to achieve excellent hydraulic fluid performance. They provide a lubrication level equal to premium anti-wear hydraulic oils with viscosity grades of 46 and 68. HySyn FR fluids are fire-resistant with self extinguishing properties. They

are non-irritating, biodegradable, non-toxic to aquatic life and contain no hazardous ingredients. HySyn FR Series are zinc-free ashless fluids and are not water soluble. They can be removed from collector systems by standard skimming techniques.

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	HYSYN FR-46	HYSYN FR-68
Article number	340047	340204
Density, 20°C	approx. 0.92 g/cm ³	approx. 0.92 g/cm ³
Fire point, Cleveland open cup	≥ 360 °C	≥ 360 °C
Flash point, ASTM D92, Cleveland open cup	≥ 270 °C	≥ 300 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 9.4 mm ² /s	approx. 12.7 mm ² /s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 46 mm ² /s	approx. 68 mm ² /s
Viscosity index, ASTM D2270	approx. 192	approx. 188
Steel corrosion, DIN ISO 7120 / ASTM D665, method A, 24 h, 60°C	rust-free	rust-free
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -48 °C	approx. -30 °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

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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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