

HySyn® FR Series

Synthetic fire resistant hydraulic fluid



Your benefits at a glance

- Fire resistant
- Factory mutual certified
- 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 factory mutual certified, 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
Demulsifying capacity	41/39/0 (15) (min)	42/38/0 (30) (min)
Density	0.92 g/cm ³	0.908 g/cm ³
Fire point	360 °C	360 °C
Flash point	260 °C	260 °C
Ignition Point	450 °C	450 °C
Tota acid number	2.0 mg KOH/g	1.5 mg KOH/g
Kinematic viscosity, 100°C	10.0 mm ² /s	14.0 mm ² /s
Kinematic viscosity, 40°C	46.0 mm ² /s	68.0 mm ² /s
Viscosity index	212	215
Steel corrosion	passed	passed
Pour point	-20 °C	-20 °C
FZG scuffing test	12+	12+
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.

Summit Lubrication a brand of Klüber Lubrication NA LP /
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