

HySyn® Series

Synthetic hydraulic oil



Your benefits at a glance

- Zinc-free, ashless
- Rust and oxidation inhibited
- Protects against rust, wear and sludge

Your requirements - our solution

Summit HySyn zinc-free ashless hydraulic oils are formulated from the highest quality synthetic hydrocarbons to meet the requirements of all types of hydraulic systems. HySyn 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 HySyn zinc-free ashless hydraulic oils contain additives necessary to meet requirements for Denison HF-O, Vickers industrial and mobile applications and Cincinnati Milacron P-68, P-69 and P-70 specifications.

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-15	HYSYN-32	HYSYN-46	HYSYN-68
Article number	340054	340056	320204	340057
Density	0.809 g/cm ³	0.853 g/cm ³	0.857 g/cm ³	0.852 g/cm ³
Fire point	221 °C	257 °C	263 °C	268 °C
Flash point	204 °C	225 °C	204 °C	185 °C
Kinematic viscosity, 100°C	3.6 mm ² /s	5.8 mm ² /s	7.3 mm ² /s	9.6 mm ² /s
Kinematic viscosity, 40°C	15.5 mm ² /s	32.0 mm ² /s	43.5 mm ² /s	64.0 mm ² /s
Viscosity index	118	125	128	131
Pour point	-65 °C	-51 °C	-48 °C	-40 °C
FZG scuffing test	-	> 11	> 11	> 11
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	HYSYN-100
Article number	340053
Density	0.857 g/cm ³
Fire point	274 °C
Flash point	204 °C
Kinematic viscosity, 100°C	12.7 mm ² /s
Kinematic viscosity, 40°C	95.0 mm ² /s

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Characteristics	HYSYN-100
Viscosity index	130
Pour point	-34 °C
FZG scuffing test	> 11
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	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.

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