Thermoyle P Series

Heat transfer fluid

Your benefits at a glance

- Operates within high temperatures
- Combats carbon formation
- Increased fluid life

Your requirements - our solution

Summit Thermoyle P Series oil is designed to meet the tough thermal demands placed on high temperature heat transfer mediums operating at a bulk temperature up to 550 °F. The hydrogenated base stock is well suited to combat the problems of carbon formation on heated surfaces and decreased fluid life as is commonly encountered with conventional petroleum-based fluids without exhibiting the hazardous characteristics found in aromatic heat transfer fluids.

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	THERMOYLE 20P	THERMOYLE 30P	THERMOYLE 46P	THERMOYLE 100P
Article number	340418	340419	340213	340420
Density	-	-	0.863 g/cm³	-
Density, 20°C	approx. 0.846 g/cm³	approx. 0.852 g/cm³	approx. 0.859 g/cm³	approx. 0.870 g/cm³
Flash point, ASTM D92, Cleveland open cup	≥ 200 °C	≥ 205 °C	≥ 220 °C	≥ 250 °C
Flash point, DIN EN ISO 2719, Pensky-Martens closed cup	≥ 190 °C	≥ 190 °C	≥ 205 °C	≥ 220 °C
Ignition Point	approx. 333 °C	approx. 341 °C	approx. 352 °C	381 °C
ISO viscosity grade, DIN ISO 3448, ISO VG	-	-	46	100
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 4.3 mm²/s	approx. 5.3 mm²/s	approx. 6.6 mm²/s	approx. 11.2 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 22 mm²/s	approx. 30 mm²/s	approx. 43 mm²/s	approx. 100 mm²/s
Viscosity index, ASTM D2270	approx. 106	approx. 110	approx. 105	approx. 97
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -21 °C	approx. -19 °C	approx. -18 °C	approx. -18 °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	THERMOYLE 460P
Article number	340421

a brand of KLÜBER LUBRICATION

Product information

Thermoyle P Series

Heat transfer fluid

Characteristics	THERMOYLE 460P
Density	-
Density, 20°C	approx. 0.887 g/cm³
Flash point, ASTM D92, Cleveland open cup	≥ 275 °C
Flash point, DIN EN ISO 2719, Pensky-Martens closed cup	≥ 230 °C
Ignition Point	approx. 402 °C
ISO viscosity grade, DIN ISO 3448, ISO VG	460
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 30.4 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 466 mm²/s
Viscosity index, ASTM D2270	approx. 94
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approx. -15 °C
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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