Información de producto

TM Series

Hojas de datos de seguridad

Las hojas de datos de seguridad actualizadas pueden ser solicitadas a través de nuestra página web https://www.klsummit.com.

También puede pedirlas a su interlocutor habitual en Klüber Lubrication.

Datos técnicos	TM-10	TM-15	TM-20	TM-30
Número de artículo	340177	340178	340179	340180
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 54°C	41-39-0 (15) ml (min)	41-39-0 (15) ml (min)	42-38-0 (15) ml (min)	-
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 82°C	-	-	-	40-40-0 (15) ml (min)
Density	0.864 g/cm³	-	-	-
Density, 20°C	approximately 0.866 g/cm³	approximately 0.866 g/cm³	approximately 0.871 g/cm³	approximately 0.877 g/cm³
Flash point, ASTM D92, Cleveland open cup	≥ 210 °C	≥ 220 °C	≥ 220 °C	≥ 250 °C
Foam test, ISO 6247 / ASTM D892, 24°C, sequence I	approximately 0/0 ml	approximately 0/0 ml	approximately 0/0 ml	approximately 0/0 ml
Foam test, ISO 6247 / ASTM D892, 24°C, sequence III	approximately 0/0 ml	approximately 0/0 ml	approximately 0/0 ml	approximately 0/0 ml
Foam test, ISO 6247 / ASTM D892, 93.5°C, sequence II	approximately 0/0 ml	approximately 0/0 ml	approximately 10/0 ml	approximately 0/0 ml
ISO viscosity grade, DIN ISO 3448, ISO VG	32	46	68	100
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approximately 5.5 mm²/s	approximately 6.7 mm²/s	approximately 8.5 mm²/s	approximately 11.0 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approximately 32 mm²/s	approximately 44 mm²/s	approximately 65 mm²/s	approximately 100 mm²/s
Viscosity index, ASTM D2270	approximately 109	approximately 104	approximately 103	approximately 96
Copper corrosion, ASTM D130, 3 hours, 100°C	1 - 100 - 3 corrosion degree	1 - 100 - 3 corrosion degree	1 - 100 - 3 corrosion degree	1 - 100 - 3 corrosion degree
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approximately -34 °C	approximately -35 °C	approximately -32 °C	approximately -33 °C
Four-ball tester: wear characteristics, ASTM D4172, method: B, 1200 min^{-1} / 40 kgf, 60 min, 75°C	approximately 0.60 mm	approximately 0.60 mm	approximately 0.60 mm	approximately 0.60 mm

TM Series

Datos técnicos	TM-10	TM-15	TM-20	TM-30
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

Datos técnicos	TM-40
Número de artículo	340181
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 54°C	-
Demulsifying capacity, DIN ISO 6614 /ASTM D1401, 82°C	40-40-0 (20) ml (min)
Density	-
Density, 20°C	approximately 0.880 g/cm³
Flash point, ASTM D92, Cleveland open cup	≥ 250 °C
Foam test, ISO 6247 / ASTM D892, 24°C, sequence I	approximately 0/0 ml
Foam test, ISO 6247 / ASTM D892, 24°C, sequence III	approximately 0/0 ml
Foam test, ISO 6247 / ASTM D892, 93.5°C, sequence II	approximately 0/0 ml
ISO viscosity grade, DIN ISO 3448, ISO VG	150
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approximately 14.4 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approximately 150 mm²/s
Viscosity index, ASTM D2270	approximately 97
Copper corrosion, ASTM D130, 3 hours, 100°C	1 - 100 - 3 corrosion degree
Pour point, DIN ISO 3016, ASTM D97, ASTM D5950, ASTM D7346	approximately -34 °C
Four-ball tester: wear characteristics, ASTM D4172, method: B, 1200 min⁻¹ / 40 kgf, 60 min, 75°C	approximately 0.60 mm
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

Información de producto

TM Series

Summit Lubrication

Übersetzen!!! 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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