

TM Series

Synthetic blend air compressors



Your benefits at a glance

- Improved rust and oxidation protection versus general or multi-purpose R&O circulation oils
- Reduced lubricant consumption - extended drain intervals and lower vapor pressures reduce lubricant consumption
- Reduced maintenance - SYNTHOLATE reduces carbon and varnish formation thus extending valve life and the time interval overhauls
- Eliminates recompression - SYNTHOLATE keeps the valves clean and eliminates the primary cause of recompression
- Reduced power consumption - elimination of recompression and reduced coefficient of friction result in less power consumption per unit of compression
- Improved safety - higher flash points provide a greater margin of safety in air compression

Your requirements - our solution

The Summit TM Series is formulated from highly refined hydrocracked base stocks and the unique additive SYNTHOLATE inhibits the formation of varnish and carbon and provides superior thermal and oxidative stability. Utilizing the superior petroleum base stocks fortified with SYNTHOLATE extends the life of the Summit TM Series compared to that of conventional mineral oils.

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	TM-10	TM-15	TM-20	TM-30
Article number	340177	340178	340179	340180
Density	0.864 g/cm ³	0.87 g/cm ³	0.871 g/cm ³	0.88 g/cm ³
Flash point	221 °C	238 °C	243 °C	271 °C
ISO viscosity grade	32	46	68	100
Kinematic viscosity, 100°C	5.4 mm ² /s	6.8 mm ² /s	8.5 mm ² /s	11.2 mm ² /s
Kinematic viscosity, 40°C	32.1 mm ² /s	44.0 mm ² /s	63.9 mm ² /s	99.2 mm ² /s
Viscosity index	102	110	103	99
Pour point	-42 °C	-37 °C	-35 °C	-36 °C
Four-ball tester: wear characteristics	0.6 mm	0.6 mm	0.6 mm	0.6 mm
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	TM-40
Article number	340181
Density	0.88 g/cm ³
Flash point	271 °C

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Characteristics	TM-40
ISO viscosity grade	150
Kinematic viscosity, 100°C	14.7 mm ² /s
Kinematic viscosity, 40°C	147.7 mm ² /s
Viscosity index	98
Pour point	-36 °C
Four-ball tester: wear characteristics	0.6 mm
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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9010 County Road 2120, Tyler, TX 75707 /
Phone: +1 800 749 5823 / www.klsummit.com

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