

# Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

## SYNTHETIC BLEND AIR COMPRESSOR

### TM SERIES

The **Summit TM Series** is formulated from highly refined hydro-cracked base stocks and the unique additive **SYNTHOLATE**. The addition of **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 and provides the following money saving benefits:

- 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 between 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.

### Physical Properties

PRODUCTS	TM-10	TM-15	TM-20	TM-30	TM-40
ISO Grade	32	46	68	100	150
Viscosity					
@ 40°C, cSt	31.2	46.0	66.3	99.2	146.6
@ 100°C, cSt	5.27	6.72	8.48	11.24	14.59
@ 100°F, SUS	163	237	346	524	769
@ 210°F, SUS	43.9	48.7	54.8	64.7	77.9
Viscosity Index	99	98	97	99	98
Specific Gravity	0.877	0.876	0.876	0.876	0.879
Pour Point, °F (°C)	-44 (-42)	-25 (-32)	-38 (-38)	-33 (-36)	-27 (-33)
Flash Point, °F (°C)	440 (227)	470 (243)	470 (243)	520 (271)	495 (257)
Four Ball Wear, mm	0.6	0.6	0.6	0.6	0.6

**Shelf Life:** Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.