

# TMC 19 / 20 Mechanical Pump Fluids

TMC 19 and TMC 20 hydrocarbon pump oils are laboratory tested and proven to be superior to many other competitive brands. TMC 19 hydrocarbon oil offers superior molecular weight, higher viscosity index, and higher purity to perform reliably in many high vacuum environments. TMC 20 is a severely hydro-treated paraffinic oil that is double distilled through a molecular distillation process to remove light end fractions.

## Features

**HIGHER MOLECULAR WEIGHT = LESS BACKSTREAMING**  
**HIGHER VISCOSITY INDEX = GREATER THERMAL STABILITY & SUPERIOR LUBRICATION**  
**GREATER RESISTANCE TO THERMAL DECOMPOSITION**  
**LESS THAN 0.01% SULFUR = HIGHER PURITY**



## Specifications

	TMC 19	TMC 20
Vapor Pressure @ 25 °C	1X10 <sup>-5</sup> Torr	1X10 <sup>-6</sup> Torr
Viscosity @ 40 °C	59 cst	62 cst
Pour Point	-18 °C	-15 °C
Specific Gravity @ 22 °C	0.86 g/ml	0.87 g/ml
Flash Point - C.O.C.	235 °C 455 °F	245 °C 473 °F
Fire Point - C.O.C.	260 °C 500 °F	271 °C 520 °F



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