

# TMC-20 VACUUM PUMP FLUID

TMC-20 Vacuum Pump Fluid is an alternative to Invoil 20 Oil.

## PRODUCT INFORMATION

TMC-20 is a hydrotreated paraffinic oil that is two-pass distilled through our molecular distillation process to remove light end fractions. It is highly saturated and contains less than 0.01% sulfur. It offers exceptional long life and vacuum performance, with reduced build-up of varnish and/or carbon deposits on internal components.

## APPLICATIONS

*Not recommended for oxygen and highly reactive gas loads.*

- Vacuum Pumps
- Diffusion Pumps
- Leybold Blowers

## FEATURES

- Higher Viscosity Index for Superior Lubrication
- Greater Resistance to Thermal Decomposition
- Higher Molecular Weight for Reduced Backstreaming
- Reduced Aromatic Content
- Extremely Low Sulfur Content

## MATERIALS COMPATIBILITY

TMC-20 is reactive or incompatible with oxidizing materials.

## PHYSICAL & ENVIRONMENTAL PROPERTIES

PROPERTY	UNITS	TMC-20
<b>Vapor Pressure</b>	Torr	1x10 <sup>-6</sup>
<b>Viscosity @ 40°C</b>	cSt	62
<b>Pour Point</b>	°C	-15
<b>Specific Gravity @ 22°C</b>	g/mL	0.87
<b>Flash Point — C.O.C.</b>	°C / °F	245 / 473
<b>Fire Point — C.O.C.</b>	°C / °F	271 / 520

Not for specification purposes. All values @ 25°C unless otherwise specified.



## PACKAGING

TMC-20 is available in the following sizes and weights:

- **1 Gallon Jug** — 7 lb / 3.2 kg
- **5 Gallon Pail** — 36 lb / 16.3 kg
- **55 Gallon Drum** — 395 lb / 179 kg
- **275 Gallon Tote** — Available Upon Request

## SHELF LIFE & STORAGE

Shelf life is 5 years from the date of manufacture when stored in the original packaging materials and stored under normal conditions. TMC will re-certify material every 5 years up to 20 years.

## DISPOSAL & RECYCLING

This fluid can be recycled and reused. Help protect the environment and don't pay for expensive disposal services.

TMC Industries can reclaim your used fluorinated fluids, restoring them to like-new condition, and save you up to 50% in replacement fluids while protecting the environment.

TMC Reclaimed Fluids are tested to meet new product specifications. It will be clear and odorless, and a Certificate of Analysis is issued with every order.

TMC Industries offers a **100% satisfaction guarantee** on all our reclaimed fluids. We back this up with a no-questions-asked refund policy. To learn more, [click here](#).

## EXTERNAL DOCUMENTS

- [TMC Used Fluid Reclamation Service Brochure](#)

**Safety and Handling:** Before using this product, please thoroughly read the current product SDS and label, following all applicable safety precautions described therein (e.g., recommended storage and safe handling, appropriate exposure controls and personal protective equipment (PPE), addressing accidental spills, disposal considerations, etc.).

**Safety Data Sheet:** Consult Safety Data Sheet before use.

**Regulatory:** For regulatory information about this product, contact your TMC representative.

**Technical Information:** The technical information, recommendations and other statements contained in this document are based upon tests or experience that TMC believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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