



## **TECHNICAL DATA**

102 Barton Street, St. Louis, Missouri 63104

In-State (314) 865-4100/Out of State 800-325-9962/Fax (314) 865-4107 <http://www.schaefferoil.com>

---

### **#188 VANISHING OIL**

Vanishing Oil is a high performance low-viscosity, fast drying solvent based non-staining, sulfur and chlorine free vanishing lubricant that is designed for use in light-duty stamping, bending, blanking, punching, slitting, pressing and forming applications that require the use of a product that leaves little or no residual film.

Vanishing Oil is specially compounded and formulated to provide the following benefits and features when used on ferrous and non-ferrous metals as well as most surface oil-based painted, sensitive finished and pre-coated metal stocks:

- Fast and rapid drying.
- Leaves virtually no residue.
- Clean parts – eliminates costly cleaning and disposal operations required when conventional oils are used.
- Provides a “thin film” lubrication film that stays put on the part through the stamping operation and then evaporates quickly.
- Non-staining.
- Excellent cooling and lubricity.
- Provides sufficient “bite”.
- Prevention of pickup on rolls and dies resulting in a clean die release of thin sheet or roll stock.
- Reduced tool wear and increased tool life.
- Improved surface finish.
- Non-corrosive to aluminum, copper and other non-ferrous and ferrous metals.
- Exceptional corrosion protection.
- Easy removal with conventional methods.
- Burns clean in annealing ovens.
- Low VOC content.
- Low Odor.
- Reduced contamination of parts cleaning systems.
- Low viscosity to minimize carry-off on parts.

TD-188 (12/2009)

**Application:**

Vanishing Oil can be applied straight by spraying, dipping, brushing, roller, dip tank, slush or flow coat application methods. Do not dilute product before application.

**Caution:**

This product contains aliphatic hydrocarbons. Use mechanical ventilation and guard against flames and other ignition sources. Exercise care consistent with good industrial practices. Adhere to prevailing OSHA safety regulations, guidelines and/or procedures fro this class of product.

**TYPICAL PROPERTIES**

Specific Gravity @ 60°F/15°C	0.806
Flash Point °F/°C Pensky-Martens Closed Cup ASTM D-92	144°/62°
Viscosity, cSt @ 40°C ASTM D-445	2.0
Viscosity, SUS @ 40°C ASTM D-445	32
Copper Strip Corrosion Test ASTM D-130	1A
Active Sulfur	None
Chlorine	None