

VANISHING OIL AQUEOUS 3181

WATER SOLUBLE VANISHING OIL

Description

Vanishing Oil Aqueous 3181 is a water extendable vanishing fluid formulated for drawing and stamping ferrous and non-ferrous metals. Vanishing Oil Aqueous 3181 is formulated to extend tool life, eliminate die pickup, and reduce burr formation. Vanishing Oil Aqueous 3181 is ideal for Box & Ship manufacturing, eliminating a wash and rust inhibitor stage, after the drawing or stamping application. Vanishing Oil Aqueous 3181 is designed to evaporate quickly, while leaving a very thin film, with excellent indoor rust protection.

Features & Benefits

- Contains no chlorine, sulfur, DEA, nitrites, or phenols.
- Versatile – Can be used as received or diluted with water.
- Excellent for ferrous and non-ferrous metals.
- Economical – Cut back with water to maximum dilution efficiency while saving on freight costs.
- High Operator Acceptance – Mixes easily with water to form a stable mixture that does not clog spray heads.
- Exceptional corrosion protection for machines and parts.
- Reduces carry-off on parts, and helps reduce cleaning and plating costs
- Water based formulation, environmentally friendly with superior lubricity and performance than traditional solvent based vanishing oils.

Health & Safety

See the most recent MSDS which is available directly from Precision Fluids, your local salesman, or authorized distributor. Precision Fluids uses only raw materials not listed as carcinogenic by IRAC.

Physical Data

Appearance	Liquid, amber
Odor	Mild
Specific Gravity	1.02
pH (10:1 mix with water)	8.8
Flash Point °C (COC)	>150
Residue	Liquid film
Effect of freeze-thaw cycle	Stable

Application

Vanishing Oil Aqueous 3181 is a concentrated liquid and is intended to be used straight or diluted with water for maximum efficiency and economy. In general, initial trials should be made by diluting one part with 5 parts of tap water. It is ideal for both hand systems and automatic spray systems. Vanishing Oil Aqueous 3181 dilutes readily in water to form a stable emulsion. It will not clog spray heads. Ideal for use in blanking stamping and forming operations.

Toxicity & Handling Precautions

Vanishing Oil Aqueous 3181 is safe to handle in its delivered form. Exercise care consistent with good industrial practices. Adhere to prevailing OSHA safety regulations, guidelines and/or procedures for this class of product. Refer to Vanishing Oil Aqueous 3181 Material Safety Data Sheet for additional information. MSDS can be requested by email to info@precisionfluids.com.

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