



3-IN-ONE® Pneumatic Tool Oil Technical Data Sheet

Typical Physical Characteristics – USA

Appearance: Liquid
Color: Clear amber liquid
Odor: Characteristic
Freeze Point/Pour Point: Not Determined
Kinematic Viscosity @ 104° F (40° C): 21 cSt (ASTM D445)
Viscosity Index: 105 (ASTM D2270)
Specific Gravity @ 77° F (25° C): 0.84
Boiling Point (initial): Not Determined
Vapor Density: Not Determined
Flash Point: > 320° F (160° C)(COC)
Percent Volatile: < 3.0% by weight
CARB VOCs: 0.0%
Lower flammability limit: Not Determined
Upper flammability limit: Not Determined
Vapor Pressure: Not Determined

Product Features

Extends tool life by dissolving gum and sludge and preventing rust. Its long-lasting water-proof formulation is ideal for all types of pneumatic tools and equipment.

Fluid Properties

Working Temperature Range: -20° F to 320° F
Solubility in Water: Insoluble

Surface Compatibility
Safe for plastics and metals. Not recommended for rubber materials.

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3-IN-ONE Pneumatic Tool Oil and the Environment

- 3-IN-ONE Pneumatic Tool Oil Product does not contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated diphenylether complying with the restricted substances listed in Article 4(1) of the RoHS Directive.
- 3-IN-ONE Pneumatic Tool Oil Product contains no ingredients requiring California Prop 65 labeling such as benzene or toluene.
- 3-IN-ONE Pneumatic Tool Oil Product complies with California VOC regulations.



Recycle where allowed

Surface Cautions
Always test surfaces first.

Typical Performance - 3-IN-ONE® Pneumatic Tool Oil

Test Method	Property	Results
ASTM D4172	Lubricates and Protects	@ 75° F = .59 mm
ASTM D3233	Extreme Pressure Lubrication	644 lbs
ASTM B-117	Corrosion Protection (Salt Spray)	> 20% Surface Corrosion in 72 hours

SAFETY

Avoid eye contact. Avoid prolonged contact with skin. Keep product away from excessive heat and open flames. Keep out of reach of children.

Symptoms of Overexposure:

Inhalation: High concentrations of oil mists may cause nasal and respiratory irritation.

Skin Contact: Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.

Eye Contact: Contact may be mildly irritating to eyes. May cause redness and tearing.

Ingestion: This product has low oral toxicity. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects: None expected.

Carcinogen Status: None of the components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.

Reproductive Toxicity: None of the components is considered a reproductive hazard.

REGULATORY

U.S. Federal Regulations:

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category For Section 311/312: See SDS Section 2 for OSHA Hazard Classification.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

VOC Regulations: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not contain chemicals regulated under California Proposition 65.

Canadian Environmental Protection Act: One of the components is listed on the NDSL. All of the other ingredients are listed on the Canadian Domestic Substances List or exempt from notification.



WD-40 COMPANY

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