

SAFETY DATA SHEET



AIR TOOL OIL ATO/500, ATO500S, ATO/1000, ATO1000S

1. SUPPLIER

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2. APPLICATION

AIR TOOL LUBRICATING OIL

3. COMPOSITION/INFORMATION OF INGREDIENTS

Comprises a blend of highly refined mineral oils with performance-enhancing additives.

4. HAZARD IDENTIFICATION

Not classified as hazardous under current UK Health, Safety and Environmental legislation when used in the intended application.

Special hazards of product after use: Oxidation during use and contamination with metal fines will increase the likelihood of skin irritation occurring.

5. FIRST AID MEASURES

INHALATION: Remove to fresh air. If effects persist, seek medical advice.
EYE CONTACT: Hold eyes open for at least 15 minutes under running water. Obtain immediate medical attention.
SKIN CONTACT: No immediate action is necessary. Wash at intervals dictated by good standards of industrial hygiene.
INGESTION: DO NOT INDUCE VOMITING. Wash mouth out with water.
PRESSURE INJECTION: ALWAYS OBTAIN IMMEDIATE MEDICAL ATTENTION EVEN THOUGH THE INJURY MAY APPEAR MINOR.

6. FIRE-FIGHTING MEASURES

Flammability: Combustible
Flash Point (°C, PMCC) >210
Extinguishing media: Use foam, dry powder, CO₂. Never use water.
Products of combustion: Carbon dioxide, carbon monoxide together with dense smoke.

7. ACCIDENTAL RELEASE MEASURES

Personal precautions: Good standards of industrial hygiene together with the use of moisturising creams are recommended.
Environmental precautions: Prevent liquid entering sewers, drains or watercourses.
Decontamination: Absorb in earth or sand or other suitable material. In case of spillage on water, contain by a boom and collect by skimming or absorption.

8. STORAGE AND HANDLING

Keep containers tightly closed. Store under cover. Keep away from food and drink. Compatible with most common metals; may soften certain rubbers - use resistant seals. Avoid sources of ignition. A bunded area may be required.
Storage temperature: <60°C

9. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational exposure limits:	Substance	LTEL	STEL	Source/other information
	Severely refined mineral oil, (mist)	5mg/m ³	n.d.	Occupational Exposure Limits (EH40)

Engineering control measures: Local exhaust ventilation is recommended when excessive product misting occurs.

Personal Protection: Good standards of industrial hygiene are recommended for use of this product. Suitable barrier creams may be helpful when prolonged and repeated contact with the product is likely.

10. PHYSICAL & CHEMICAL PROPERTIES

(These properties are for guidance only. They do not constitute a specification)

Typical Values	Test Method	Units
Grade:	ISO	22
Physical state		Liquid
Colour		Amber
Odour		Oily
Density @ 15°C	ASTM D 1298	kg/m ³ 865
Kinematic viscosity @ 40°C	ASTM D 445	mm ² /s 21.99
Kinematic viscosity @ 100°C	ASTM D 445	mm ² /s 4.3
Flash point (COC)	ASTM D 92	°C 195

11. STABILITY & REACTIVITY

Stability: The product is stable and not subject to polymerisation.
Conditions to avoid: Incompatible with strong oxidising agents.
Hazardous decomposition products: Oxides of carbon and water vapour with unidentified organic compounds, dense, white, irritating smoke.

12. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components:-

Estimated oral LD50 Rat, >2000mg/kg.

HEALTH EFFECTS

ON EYES: May cause temporary irritation and discomfort
ON SKIN: Generally non-irritant on incidental contact. Excessive or prolonged contact may give rise to slight irritation.
BY INHALATION: Harmful concentrations of vapour do not normally arise except under high temperature or high atomization. High concentrations of mist may give rise to respiratory irritation.
BY INGESTION: Ingestion of large quantities may cause nausea, sickness and diarrhoea.
CHRONIC: No hazard anticipated.
OTHER: Products which have become contaminated might present more serious health effects.

13. ECOLOGICAL INFORMATION

Biodegradability: <50% (CEL L-33-T-82)
Chemical oxygen demand (mgO₂/l): Not determined
Not readily biodegradable but inherently biodegradable. Leaching and penetration through surface soils is generally regarded as resulting in long term persistence. Fresh or used product may be harmful to aquatic life.

14. DISPOSAL CONSIDERATIONS

Use licensed contractor for disposal by recycling or incineration.

15. TRANSPORT INFORMATION

Classification for transport: Not classified for transport.

16. REGULATORY INFORMATION

Hazard label data: Not classified as hazardous for supply
EC Directives: Framework Waste Directive, 91/156/EEC Waste Oil Directive, 87/101/EEC
Statutory information: The Health and Safety at Work Act, 1974 Consumer Protection Act, 1987 Environmental Protection Act, 1990 Control of Substances Hazardous to Health, 1988 Chemicals (Hazard Information and Packaging) Regulations, 1993.

European Waste Catalogue No: 13 01 07

17. OTHER INFORMATION

The information given above does not constitute the user's own assessment of workplace risk as required by the Health & Safety at Work Act (1974), C.O.S.H.H. Regulations (1988). The data given is considered accurate and is based upon current knowledge and experience. No warranty is expressed or implied with regard to the product's properties. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization given or implied to practise any patented invention without a valid licence. Sealey Quality Machinery shall not be responsible for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.