



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product trade name	ATLANTIC TRANSFORMER OIL TYPE II
Company Identification	Atlantic Grease and Lubricants FZC – P.O Box 41583, Sharjah, UAE.
Phone	+971 (06) 526-4688
Fax	+971 (06) 526-4699
Email	info@atlanticlubes.com
Chemical family	Industrial Lubricant

2. Composition/Information on ingredients : Naphthenic oil

Chemical Family: Industrial Lubricant

3. Hazardous Components, Other information: No component is present at such sufficient concentration to require a hazard classification for health in accordance with EC Directives.

Hazards Identification:

Symbol : None.
R phrase (s) : None.
S phrase (s) : None.

4. First Aid Measures:

Eyes: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. **Skin:** If in contact with skin, wash immediately with plenty of soap and water. **Ingestion:** DO NOT INDUCE VOMITING. Immediately seek medical advice. **Inhalation:** Remove to fresh air.

5. Fire Fighting Measures: In case of fire, use carbon dioxide, dry chemicals, and foam. In case of fire and/or explosion do not breathe fumes. Use approved air respirator.

6. Accidental release measures:

Personal Precautions : Gloves and Goggles
Environmental Precautions : Prevent entry into Soil, Drains and Water courses.
Method for Cleaning up : Soak up with inert absorbent.

7. Handling and Storage: Mechanical ventilation is recommended. Local exhaust is needed at source of vapors. Local ventilation is needed at bulk vessel openings.

Materials/Conditions to avoid: Keep at temperature not exceeding 70 °C.
Avoid extremely high temperatures. Avoid storage near oxidizing agents.



8. Exposure controls/Personal protection:

Respiratory : None under normal conditions.
Eye : Industrial Safety Goggles
Hands : Wear suitable gloves resistant to chemical penetration.
Other : Personal Protection Equipments where necessary.

9. Physical and chemical properties:

Appearance : Clear Viscous Liquid
Flash Point : >135 °C
Density @ 20°C : 0.895
Viscosity @ 40 °C : <12 cSt

10. Stability and reactivity:

Unusual fire and explosion Hazards : Not known

11. Toxicological Information:

Ocular : Not expected to be an irritant.
Dermal : Not expected to be an irritant.
Inhalation : Inhalation of mists at elevated temperatures may cause respiratory irritation.
Ingestion : Not expected to be toxic.
Other : Based upon its composition and test results for similar formulations.

12. Ecological Information:

Mobility : Adsorbs on to soil and is not expected to be mobile.
: May require excavation of contaminated soil.
Persistence/Degradability : Biodegradable.
Bioaccumulation : Contains components with the potential to bioaccumulation.
Ecotoxicity : Insoluble in water
: Could form a film on water surfaces causing impaired oxygen transfer.

13. Disposal Considerations : Dispose in a safe manner in accordance with local / national regulations.

14. TRANSPORTATION INFORMATION

IATA APPROVED

Department of transportation classification	Not hazardous U.S DOT regulations.
DOT proper shipping name	Not applicable
Other requirements	Not applicable



15. REGULATORY INFORMATION

Regulatory lists searched	The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See Regulatory Search Results below.
Health and safety	10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 22 - FDA 21 CFR Total food additives, 23 - NFPA 49 or 325
Environmental	30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depleters, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCM, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for Listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S) MCLs

SARA 313

Chemical CAS number percent in product	Zinc Components Mixture < 13
IARC	No information available

SARA 311 / 312 CATEGORIES

Immediate (acute) health effects	No.
Delayed (chronic) health effects	No.
Fire hazard	No.
Sudden release or pressure hazard	No.
Reactivity hazard	No.

CHEMICAL INVENTORIES

Canadian WHMIS classification	Not a controlled substance under WHMIS.
Hazard symbols	No classification recommended.
Risk phrases	No classification recommended.
Safety phrases	No classification recommended.
WHMIS Classification	This product is not considered a controlled Product according to the criteria of the Canadian Controlled products regulations.

16. OTHER INFORMATION

HAZARDS MATERIAL IDENTIFICATION SYSTEM (HMIS)/NFPA FIRE HAZARD SYMBOL

Description	HMIS	NFPA
Health	1	0



Flammability	1	1			
Reactivity	0	0			
Rating	Insignificant - 0	Slight - 1	Moderate - 2	High - 3	Extreme 4

PERSONAL PROTECTION EQUIPMENT INDEX

Chronic Effect Indicator. These values are obtained using the guidelines or published evaluation prepared by the National Fire Protection (NFPA) or the National Paint Coating Association (for HMIS ratings).

HEALTH AND ENVIRONMENTAL LABEL LANGUAGE

Warning	Continuous contact with used gasoline engine oils has caused skin cancer in animal tests. Prolonged or repeated skin contact may cause oil acne or dermatitis. Repeated exposure to oil mist in excess of the OSHA limit (5mg/m ³) can result in accumulation of oil droplets in pulmonary tissue.
Attention	Precautionary Measures: Avoid prolonged or repeated contact with eyes, skin and clothing. Avoid generation and inhalation of oil mists.
First aid	Wash skin with soap and water. Launder soiled clothes and discard oil soaked.
Spill or leak	Dike and contain spill. Do not use water; soak up with absorbent material such as clay, sand or other suitable material. Place in non-leaking container and seal tightly for proper disposal. Contains: highly refined petroleum distillate, mixture; zinc compounds, mixture; polymer additives, mixture.
OHSAS	If irritation persists seek medical attention. Eye Contact: Flush with water. If irritation persists seek medical attention. Ingestion: Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. If discomfort persists seek medical assistance. Instructions in Case of Fire or Spill: In case of fire, use water fog, foam, dry chemical or carbon dioxide. Water spray may be ineffective, but can be used to cool containers. Do not use a direct stream of water. Material will float and can be reignited on surface of water.

KEEP OUT OF REACH OF CHILDREN

REVISION STATEMENT

This revision corrects the product name .Other changes have been made throughout this Material Safety Data Sheet. Please read the entire documents.

DISCLAIMER OF WARRANTY

The above information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, ATLANTIC Products must rely upon the hazard evaluation of such components submitted by that product’s manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information, the results to be obtained from the use thereof, or that any such use do not infringe any patent. Since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

