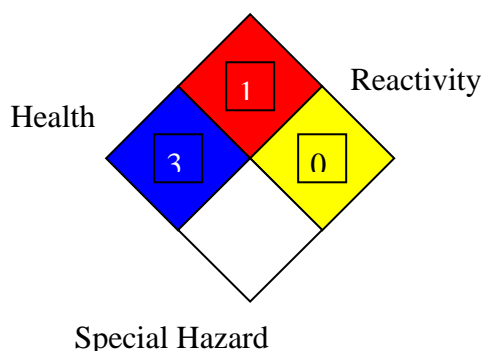




**Jordan Lube Oil Manufacturing Company**  
**Material Safety Data Sheet**  
**ATF III**

NFPA: Flammability



JPRC LUB-13

HMIS III:

|              |   |
|--------------|---|
| Flammability | 1 |
| Health       | 3 |
| Reactivity   | 0 |

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

|                          |   |
|--------------------------|---|
| Product name:            | ATF III   |
| MSDS Number:             | JPRC LUB-13   |
| Product Use Description: | Jopetrol Automatic Transmission Fluid III, is recommended for make-up and refill for all transmissions that call for the use of Dexron, Dexron II, Dexron III, Mercon III or ford type H fluids. It could be used in off-highway transmissions, power steering and other hydraulic systems, that require the use of a Dexron III , Mercon III or Allison C-4 type fluids. |
| Company                  | Jordan Lube Oil Manufacturing Co.<br>Amman – Jordan.<br>TEL: + 962 6 4630151 or 4657600<br>FAX: + 962 6 4657934 or 4657939<br>P.O.BOX: 3396 Amman 11181 – Jordan<br>P.O.BOX: 1079 Amman 11118 – Jordan<br><a href="mailto:LubOilProduction@jopetrol.com.jo">LubOilProduction@jopetrol.com.jo</a>  |



Hazardous decomposition products : 0  
Carbon monoxide, carbon dioxide, some metallic oxides.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Accidental Release Measures This material is slippery and might cause a traffic accident. If spilled on a road, it must be covered with sand immediately. In the event of a spill or leak, persons not wearing protective equipment and clothing should be restricted from contaminated areas until clean up has been completed. The following steps should be undertaken following a spill or leak:  
1- Notify safety personnel.  
2- Remove all sources of heat and ignition.  
3- Ventilate potentially explosive atmospheres.  
4- Do not touch the spilled material; stop the leak if it is possible to do so without risk.  
5- Use water spray to reduce vapors; do not get water inside the container. Do not flush waste to sewers or open waterways.  
6- For liquid spills, cover with sand and then remove for later disposal.  
7- Prevent spills from entering storm sewers or drains.

Personal precautions Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (see section 8). Follow all fire-fighting procedures.

**SECTION 7. HANDLING AND STORAGE**

Handling: Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Avoid breathing vapor or mist. Wash thoroughly after handling.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Store away from strong oxidizing agents or combustible material.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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Exposure controls/ personal protection

Respiratory protection

No special requirements under ordinary conditions of use and adequate ventilation.

Skin and body

No special equipment required. However, good personal hygiene practices should always be followed.

Hands

Use chemical resistant apron and / or other clothing to protect against hot liquid & to avoid skin contact

Eyes

Normal industrial eye protection practices should be.

Engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limits value.

Occupational exposure limits

Exposure limit of SN 100 for oil mist:

5.00 mg/m<sup>3</sup>

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|                      |   |
|----------------------|---|
| Form:                | Liquid  |
| Appearance:          | Bright and Clear, Red                                     |
| Density:             | 0.8749 g/cm <sup>3</sup> @ 15° C Test Method: ASTM D 4052 |
| Flash point:         | 220 ° C (COC)   |
| Pour point:          | -45 ° C   |
| VI:                  | 164   |
| Kinematic viscosity: | 34.2cSt @ 40 ° C Test Method: ASTM D 7042                 |

## SECTION 10. STABILITY AND REACTIVITY

Stability:

The product is stable.

Material to avoid:

Strong oxidizing

Condition to avoid:

Extreme heat.

Hazardous decomposition products:

Sulphur oxides. Hydrogen sulphide. Carbon monoxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

Routes of Entry

Skin, Eyes, Ingestion, and Inhalation

Acute Effects

Inhalation

Irritating to respiratory system.

Ingestion

Not determined.

Skin contact

Non-irritating to the skin.

Eye contact

Irritating to eyes.

LD<sub>50</sub>

>2000 mg/kg

## SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate and effects:

This product is expected to be inherently

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(Base oil GII , GIII)

biodegradable. There is no evidence to suggest bioaccumulation will occur. It is not expected to be toxic to aquatic organisms. Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

### SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal

Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the resource conservation and recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

RCRA Information

The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40CFR, Part 261D), nor is not formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosively, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

### SECTION 14. OTHER INFORMATION

LD<sub>50</sub>

Lethal Dose (mg/kg)

PEL

Permissible Exposure Limits

NFPA

National Fire Protection Association:

PPE

Personal Protective Equipment

SCBA

Self – Contained Breathing Apparatus

TWA

Time – Weighted Average.

OSHA

Occupational Safety And Health Administration

ACGIH

American Conference of Governmental Industrial Hygienists