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## MATERIAL SAFETY DATA SHEET

### LUBE X HYDRAULIC 46

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** LUBE X HYDRAULIC 46  
**Product Use:** Hydraulic oil  
**Manufacturer/Supplier:** OILFLOW cc  
P.O.Box 14527  
562 Crocker Road, Wadeville, Germiston, South Africa  
1422  
**Phone Number:** (011) 827-5848  
**Fax Number:** (011) 827-5832  
**Website:** [www.oilflow.co.za](http://www.oilflow.co.za)

#### 2. COMPOSITION/INFORMATION ON THE COMPONENTS

##### Hazardous Components in Product

Component Name	Concentration
Solvent refined mineral oil	>99
Additives package	<1

#### 3. HAZARD IDENTIFICATION

**Warning Statement:** Avoid prolong or repeated, contact with used motor oil.  
If skin contact occurs wash exposed areas with soap and water launder contaminated clothing.

**Main Hazards:** Not hazardous according to OSHA 29 CFR 1910.1200

**Eyes:** Not expected to cause eye irritation.

**Skin:** Expect to cause no more than minor skin irritation. Prolong or Frequently repeated contact may cause more severe irritation or may cause the skin to become racked or dry from defatting action of the material.

**Inhalation:** May cause irritation, dizziness or nausea if inhaled over a prolonged period, especially whilst hot

**Oral:** If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhoea may occur.



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#### 4. FIRST AID MEASURES

<b>Eyes:</b>	Flush thoroughly with water. If irritation occurs, call a doctor.
<b>Skin:</b>	Wash skin with soap and water.
<b>Ingestion:</b>	If swallowed and person is conscious, give water or milk. Do not make person vomit except on advice of medical personnel. If advice cannot be obtained, take person and container (or label) to nearest emergency treatment centre, never give anything by mouth to unconscious person.
<b>Inhalation:</b>	Remove from exposure and if the patient experiences irritation, nausea or unconsciousness, seek medical assistance.

#### 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Use foam, dry chemical, carbon dioxide or water fog.
<b>Unsuitable Extinguishing Media:</b>	Do not use water jet.
<b>Special Hazards of Product:</b>	No special hazards.
<b>Protective Equip for Fire-Fighting:</b>	Wear self-contained breathing apparatus for fires in enclosed spaces.
<b>Igniting temperature:</b>	N/A
<b>Flammable limits:</b>	N/A
<b>Flash Point:</b>	240°C
<b>Long term toxic:</b>	The base oil components are not expected to be carcinogenic based on IARC criteria. This product has not been tested as a whole for chronic health effects.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Material can create slippery conditions underfoot.
<b>Environmental Precautions:</b>	Try to prevent the material from entering drains or watercourses. Contain and absorb using diatomaceous earth or other inert material. Transfer into suitable containers for disposal.



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#### 7. HANDLING AND STORAGE

**Handling:** No special precautions are required.

**Storage:** Storage temperature should be controlled to between 1 and 40°C. Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Standards**  
**OIL MIST, CHEMICAL**

UK EH40: OES 5mg/m<sup>3</sup> 8 h TWA. UK EH40: OES 10mg/m<sup>3</sup> 15 min TWA.

**Engineering Control Measures**

Exposure to this material may be controlled in a number of ways. The measures appropriate for a worksite depends on how the material is used and on the potential for exposure. Use of the basic principles of industrial Hygiene will enable this material to be used safely.

**Respiratory Protection**

Respiratory protection is not normally required.

**Hand Protection**

No special protection needed. However, good personal hygiene practices should always be followed.

**Eye Protection**

No special eye protection is necessary.

**Body Protection**

Normal work wear.

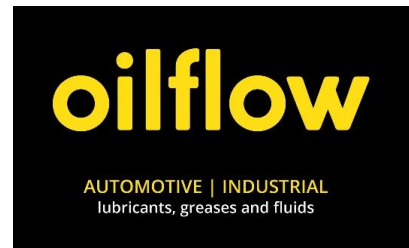
#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Colour</b>	Amber
<b>Odour</b>	Faint
<b>pH</b>	N/A
<b>Boiling Range/Point (°C)</b>	N/A
<b>Flash Point (PMCC) (°C)</b>	>210
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	Insoluble
<b>Density (kg/m<sup>3</sup>)</b>	0.875
<b>Viscosity (cSt) 40 °C</b>	46



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#### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions
<b>Conditions to Avoid:</b>	Strong oxidation
<b>Materials to Avoid:</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products:</b>	Combustion will generate carbon monoxide and smoke, possibly thick and choking, resulting in zero visibility.

#### 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity** Low order of acute toxicity.

#### 12. ECOLOGICAL INFORMATION

**Environmental Effects:** No specific ecotoxicity on this product is available. This product may present environmental risks common to oil spills.

#### 13. DISPOSAL

**Product Disposal** Dispose of in accordance with all applicable local and national regulations.

**Container Disposal** An approved drum recycler can recycle containers.

#### 14. TRANSPORT INFORMATION

<b>Un Class</b>	Not classified
<b>IMO Class</b>	Not classified
<b>IMDG Class</b>	Not classified
<b>IATA Class</b>	Not classified

#### 15. REGULATORY INFORMATION

**Government Inventory Status** Not established.

**US Superfund Amendments** This product contains no "Extremely Hazardous Substances" Respirators must follow as 1715/1716 standard for approved respirators and NZSS 2209/2266 standards.



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#### 16. OTHER INFORMATION

MSDS Issue:	September 2019
MSDS Data Revision date	01 May 2020
Product Use	Anti Wear Hydraulic Oil.

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.

PREPARED BY:

TECHNICAL SERVICES / LUBRICANTS MARKETING DEPT FLEETLINE, OILFLOW CC.

