

# SAFETY DATA SHEET

## HYDRAULIC OIL HLVG 3

Issued: 20/03/2011

Revision No: 1

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** HYDRAULIC OIL HLVG 3

**Use / description of product:**

Anti-wear hydraulic oil.

**Company name:** Global Lubricants Ltd  
13 Sandwell Business Development Centre  
Oldbury Road Smethwick,  
West Midlands  
B66 1NN  
England  
Tel: +44 (0)121 5443638  
Fax: +44 (0)121 5446505

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Mineral oil based hydraulic fluid containing anti-wear, anti corrosion and anti oxidation inhibitors.

### 3. HAZARDS IDENTIFICATION

**Main hazards:**

No significant hazard. This product is not classified as hazardous under current UK legislation when used in the application for which it is intended.

However, prolonged or extensive skin contact with the product may result in skin disorders. The risk of skin disorders may be increased if the product has become contaminated.

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be coughing and a sore throat.

# SAFETY DATA SHEET

## HYDRAULIC OIL HLVG 3

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash off with water. Contaminated clothes should be laundered before reuse.

**Eye contact:** Bathe the eye with running water for 15 minutes. Seek medical advice if symptoms persist.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately.

**Inhalation:** Remove to fresh air. Seek medical attention if recovery is not rapid or complete.

### 5. FIRE-FIGHTING MEASURES

**Flammability:** The product is not classified as flammable but is highly combustible.

**Extinguishing media:** Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

**Exposure hazards:** In combustion emits oxides of carbon, sulphur and zinc oxides in small proportions.

**Protection of fire-fighters:** Wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Environmental precautions:** Contain the spillage using bunding. Do not discharge into drains or rivers.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

### 7. HANDLING AND STORAGE

**Handling requirements:** Ensure there is sufficient ventilation of the area.

**Storage conditions:** Keep containers tightly closed. Store in cool, well ventilated area. Avoid sources of ignition.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure:	Substance	8-Hour TWA	STEL	Source
	Mineral Oil	5mg/m <sup>3</sup>	10mg/m <sup>3</sup>	EH40

# SAFETY DATA SHEET

## HYDRAULIC OIL HLVG 3

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Do not breathe vapour, or spray

**Hand protection:** To avoid the possibility of skin disorders prolonged contact with product should be avoided.

**Eye protection:** Safety glasses.

**Skin protection:** avoid prolonged skin contact.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Brown fluid

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Flash point°C:** >180

**Relative density:** 0.86

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Flames.

**Materials to avoid:** Strong oxidising agents.

**Hazardous. decomposition products:** In combustion emits oxides of carbon, sulphur and zinc oxides in small proportions.

### 11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.

Estimated oral LD50, rat >2g/kg

# SAFETY DATA SHEET

## HYDRAULIC OIL HLVG 3

### 12. ECOLOGICAL INFORMATION

**Mobility:** Heavier than water.

**Persistence and degradability:** Only slightly biodegradable.  
Approx 25% (CEC L-33-T-82)

**Bioaccumulative potential:** Slightly bioaccumulable.

**Other adverse effects:** No data available.

### 13. DISPOSAL CONSIDERATIONS

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### 14. TRANSPORT INFORMATION

**ADR / RID**

**Shipping name:** Not Classified

**IMDG / IMO**

**IATA / ICAO**

### 15. REGULATORY INFORMATION

**Hazard symbols:**

No significant hazard.

**Safety phrases:**

S2: Keep out of the reach of children.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

# SAFETY DATA SHEET

## HYDRAULIC OIL HLVG 3

### 16. OTHER INFORMATION

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

