

SAFETY DATA SHEET

HYDRAULIC OIL HLP RANGE

Issued: 20/03/2011

Revision No: 1

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

Product name: HYDRAULIC OIL HLP 32S/46S/68S

Use / description of product:

Anti-wear hydraulic oil.

Company name: Global Lubricants Ltd

13 Sandwell Business Development Centre

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England

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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.

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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.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure:

<i>Substance</i>	<i>8-House TWA</i>	<i>STEL</i>	<i>Source</i>
Mineral Oil	5mg/m ³	10mg/m ³	EH40

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: >210

Relative density: 0.88

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.

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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

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

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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.

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.

