

SAFETY DATA SHEET

FS Hydraulic Oils

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

* <u>PRODUCT NAME:</u>	Food Safe Hydraulic Oils
<u>Application:</u>	Hydraulic oil grades 32,46,68
* <u>COMPANY:</u>	Global Lubricants Limited
* <u>ADDRESS:</u>	7 Sandwell Business Development Cntr, Oldbury Rd, Smethwick, West Mids B66 1NN
* <u>EMERGENCY TELEPHONES:</u>	+ 44 (0) 121 544 3638
* <u>FAX:</u>	+ 44 (0) 121 544 6505

2. COMPOSITION/INFORMATION ON INGREDIENTS

* <u>Composition:</u>	Blend of highly refined oils with packaged additive system containing anti-wear, anti-oxidant and corrosion inhibiting characteristics.
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3. HAZARDS IDENTIFICATION

This product is not classed as hazardous under current UK Health & Safety and Environmental legislation when used in the Application for which it is intended.

4. FIRST AID MEASURES

* <u>SKIN CONTACT:</u>	Wash thoroughly with soap and water.
* <u>EYE CONTACT:</u>	Flush eyes thoroughly with copious amounts of water, until irritation subsides. If irritation persists obtain medical attention.
* <u>INHALATION:</u>	Remove to fresh air. If effects persist, seek medical advice.
* <u>INGESTION:</u>	Do not induce vomiting. Wash mouth out with water. Obtain immediate medical attention showing this sheet.
* <u>PRESSURE INJECTION:</u>	Always obtain immediate medical attention even though the injury may appear minor.

5. FIRE FIGHTING MEASURES

* <u>EXTINGUISHING MEDIA:</u>	Dry Powder & CO ² . Use water fog to cool fire exposed surfaces.
* <u>SPECIAL FIRE FIGHTING PROCEDURES:</u>	
* <u>UNUSUAL FIRE & EXPLOSION HAZARDS:</u>	
* <u>PRODUCTS OF COMBUSTION:</u>	Treat as Mineral Oil.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Contain in spill area and scrape up. Prevent entry into drains, sewers and watercourses.

7. HANDLING AND STORAGE

* <u>USAGE PRECAUTIONS:</u>	Keep containers closed when not in use. Prevent slip hazards.
* <u>STORAGE PRECAUTIONS:</u>	Keep at storage temperature 0-40°C

PRODUCT: FS Hydraulic

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- * OCCUPATIONAL EXPOSURE LIMITS:
- | Substance | 8-hour TWA | STEL | Source/other information |
|-------------|--------------------|---------------------|--------------------------|
| Mineral Oil | 5mg/m ³ | 10mg/m ³ | EH 40 |
- * ENGINEERING CONTROL: Local exhaust ventilation is recommended when excessive product misting occurs.
- * PROTECTIVE EQUIPMENT: Avoid skin and eye contact. Wear impervious gloves (e.g. of PVC), in case of repeated or prolonged contact. Change contaminated clothing and thoroughly clean before re-use.

9. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE;	Colourless
ODOUR:	None
RELATED DENSITY (@20°C):	0.885 – 0.863
FLASHPOINT (CLOSED CUP)°C:	195°C
FLAMMABILITY LIMIT (in air % by volume):	
WATER SOLUBILITY:	POOR
FAT SOLUBILITY:	GOOD
BOILING POINT (°c):	N/A
POUR MELTING POINT (°C):	- 10
KINEMATIC VISCOSITY 40°C(mm ² s-1):	32,46,68

10. STABILITY AND REACTIVITY

- * MATERIAL TO AVOID: Strong oxidising agents
- * CONDITIONS TO AVOID:
- * HAZARDOUS DECOMPOSITION PRODUCTS: Irritant fumes. DO NOT breathe products of decomposition.
- * STABILITY: Stable, will not polymerise

11 TOXICOLOGICAL INFORMATION

- * HEALTH WARNINGS: Treat as Mineral Oil
- * Skin contact: Unlikely to cause harm on brief or occasional contact.
- * Eye contact: May cause transient irritation.
- * Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.
- * Ingestion: May cause nausea, vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

- * DEGRADABILITY: <50% (CEC 1-33-T82). Mineral Oils are inherently but not readily biodegradable.
- * ACUTE FISH TOXICITY: No information available
- * WATER HAZARD CLASSIFICATION:

13. DISPOSAL CONSIDERATIONS

- * DISPOSAL METHODS: According to Environmental Protection act 1990 Section 34(7). Use a licensed waste disposal company.

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14. TRANSPORT INFORMATION

Road: NOT APPLICABLE
UN N°:
CEFIC TEC(R) N°:
AIR:
UN N°:
SEA:
UN N°:
IMDG Page N°:

15. REGULATORY INFORMATION

* LABEL FOR SUPPLY: none
* RISK PHRASES: Not classed as flammable
* SAFETY PHRASES: None
* UK REGULATORY REFERENCES: Control of substances hazardous to health regulations 1988
Chemicals (hazard information & Packing regulations 1993)

16. OTHER INFORMATION

* INGREDIENTS TO BE DECLARED: None
The following documentation is published by the UK Health and Safety Executive and is available from H.M. Stationary offices:
EH 40 - Occupational exposure limits
EH 58 - The carcinogenicity of mineral oils
SHW 367 - Dermatitis cautionary notice
SHW 397 - Effects of mineral oil on the skin

ALL INFORMATION CONTAINED IN THIS DATA SHEET IS IN ACCORDANCE WITH CHEMICALS HAZARD INFORMATION AND PACKING REGULATIONS.

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