

MATERIAL SAFETY DATA SHEET

1. Product name and Company identification

Product Name	:	EASTTO HYDRAULIC OILS HLP ZF 32, 46, 68,100
Product Use	:	Industrial Hydraulic oil
Supplier	:	Eastern Petroleum Pvt. Ltd 235-239, Jawahar industrial Estate, Kamothe, Panvel, Dist- Raigad, Maharashtra: 410209
Telephone No	:	91-22-2743 1694, 91-22-2743 3819.
Email	:	sales@easternpetroleum.in

2. Composition / Information of Ingredients

Ingredient name	CAS Number	% by wt
Mineral base oil	64742-65-0	98 - 100
Proprietary additives	Mixture	0 - 2

3. Hazards identification

	Non dangerous substance
Physical state	Liquid
Human Health Effects	
Eyes	Not expected to cause irritation
Skin	May cause mild skin irritation if prolonged used.
Inhalation	Not expected to cause any side effect while inhalation

4. First Aid Measures

Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Skin contact	Immediately wash affected area with soap and water. Remove contaminated clothing and shoes. Get medical attentions if a symptom occurs.
Eye contacts	In case of contact immediately wash eyes with plenty of water.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately. Get medical attention if symptoms occur.

5. Fire-fighting Measures

Flammability of product	Combustible liquid
Extinguishing Media	
Suitable	Use dry chemical, carbon dioxide (CO ₂), or foam
Not suitable	Do not use water

6. Accidental Release Measures

Personal precautions	Wear suitable protection clothing and equipment. Remove contaminated clothes as soon as possible.
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Clean up method- small spillage	Absorb liquid with sand or earth, sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulation.

Clean up methods – large spillage Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Dispose of as for small spills.

7. Handling and Storage

Handling Handle in accordance with good industrial hygiene and safety practices. If handled at elevated temperatures or with high speed mechanical equipment, vapors or mists might be released and require a well ventilated workplace.

Storage Store at ambient temperature or with lowest necessary heating as required for ease of handling.

8. Exposure Controls / Personal Protection

Control parameters Use under well ventilated areas

Personal protection equipment

Respiratory protection Avoid inhalation use suitable mask with filter if necessary.

Hand protection Wear oil-resistant protective gloves if there is a risk of skin contact.

Eye protection For eyes protection wear safety goggles.

Skin and body protection Use protective cloths and gloves.

Hygienic measures Act in accordance with good industrial Hygiene and safety practice.

9. Physical and Chemical Properties

CHARACTERISTICS	32	46	68	100
Physical state	Liquid	Liquid	Liquid	Liquid
Odour	Mild	Mild	Mild	Mild
Kinematic viscosity @ 40 °C, cst	32	46	68	100
Solubility in water	Insoluble	Insoluble	Insoluble	Insoluble
pH	N.A	N.A	N.A	N.A
Flash point °C	210	215	220	220

10. Stability and Reactivity

Reactivity and stability Stable at normal conditions and decomposes at higher temperature

Conditions to avoid Excessive heating and highly oxidizing agents

Hazardous decomposition products Upon Combustion, CO₂, CO and oxides of Sulphur and Nitrogen are generated

Hazardous polymerization Under normal conditions of storage and use, polymerization will not occur

11. Toxicological Information

Potential chronic health effects

Carcinogenicity No known significant effects or critical hazards.

12. Ecological Information

Environment effect:

Will not have chronic effect on aquatic environment

13. Disposal considerations

Waste disposal procedure:

Place contaminated materials in a disposable container and dispose of in accordance with Local, State environmental regulations and contact local environment and health authorities to get the permission for waste disposal.

14. Transport Information Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO)

15. Regulatory Information Not classified as hazardous.



Eastern Petroleum Pvt. Ltd.

an ISO 9001-2008 certified company

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16. Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other materials or in any process, unless specified in the text.