

SAFETY DATA SHEET (SDS)

HYDROL HTE Series

REACH-Compliant (EC 1907/2006)

Date of Issue: [Insert Date]

Version: 1.0

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

Product Name: HYDROL HTE Series

Use: Hydraulic fluid for industrial machinery.

Supplier:

OLA ENERGY

[Full Address: Insert Street, City, Country]

Emergency Telephone (EU): [+XX-XXX-XXX-XXXX]

EU Representative: [Insert EU Representative Name/Address if applicable]

2. HAZARDS IDENTIFICATION

CLP Classification (Regulation (EC) No 1272/2008):

- **Flammability:** Category 1 (Flash Point > 190°C).

EU Hazard Statements:

- **H315:** Causes skin irritation.
- **H319:** Causes serious eye irritation.

Precautionary Statements:

- **P264:** Wash skin thoroughly after handling.
- **P280:** Wear protective gloves/eye protection.

Emergency Overview: Amber liquid. Pressurized mists may form flammable mixtures.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components:

Substance Name (CAS No.)	Concentration	REACH Status
Zinc dialkyldithiophosphate (ZDDP) (68649-42-3)	0.46% w/w	Not listed as SVHC (Annex XIV) as of Oct 2023.
Zinc (elemental) (7440-66-6)	<0.06% w/w	Not classified as hazardous.

Full Composition:

- Base oils (severely hydrotreated mineral oils, CAS 64742-54-7): 85–90%.
- Additives (including ZDDP): 10–15%.

4. FIRST AID MEASURES

- **Eye Contact:** Rinse immediately with water for 15 minutes. Seek medical attention.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Injection Injury:** *Surgical emergency*—seek immediate medical evaluation.
- **Inhalation:** Move to fresh air. If symptoms persist, seek medical help.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits (EU):

- Oil mist (8-hour TWA): **5 mg/m³** (EU OEL).
- **PPE Recommendations:**
- **Gloves:** Nitrile or neoprene.
- **Eye Protection:** Safety goggles with side shields.
- **Respiratory Protection:** FFP1 mask if mist is generated.

12. ECOLOGICAL INFORMATION

- **Aquatic Toxicity (LC50):** >1000 mg/L (not hazardous).
- **Biodegradability:** Inherently biodegradable.
- **Bioaccumulation:** Log Kow >3.5 (potential; low bioavailability).
- **PBT/vPvB Status:** Not classified.

13. DISPOSAL CONSIDERATIONS

- **EU Waste Code:** EWC 13 02 05* (synthetic hydraulic oils).

- **Disposal:** Recycle via approved facilities or incinerate under controlled conditions.
 - **Used Oil:** May be classified as hazardous under EU Directive 2008/98/EC. Consult local regulations.
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14. TRANSPORT INFORMATION

- **ADR/RID/IMDG/IATA:** Not regulated.
 - **Special Precautions:** Static accumulator (50 pS). Ground equipment during transfer.
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15. REGULATORY INFORMATION

- **REACH Compliance:** All components registered. No SVHCs above 0.1% w/w.
 - **CLP Compliance:** Classified for skin/eye irritation (H315/H319).
 - **EU Restrictions:** Compliant with Annex XVII (no PAHs above thresholds).
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16. OTHER INFORMATION

- **REACH eSDS:** Exposure scenarios available upon request.
- **SVHC Monitoring:** Regularly review ECHA updates for ZDDP or other components.

Disclaimer:

This SDS complies with REACH Annex II. Information accurate as of [date]. OLA ENERGY assumes no liability for unauthorized uses.