

SAFETY DATA SHEET

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

- 1.1 Identification of the article**
Product name
 Teboil Hydraulic Oil 15, 22, 32S, 46S, 68, 100, 46 WB
- 1.2 Manufacturer, importer, supplier**
- 1.2.1 Supplier**
 Oy Teboil Ab
- 1.2.2 Street address**
 Bulevardi 26
Postcode and post office FIN-00120 HELSINKI
Post-office box P.O.B. 102
Postcode and post office FIN-00121 HELSINKI, FINLAND
Telephone ext.+358 2047001
Telefax ext.+358 204700248
- 1.2.3 Name and address of the informant in emergency cases**
 HUCH / Poison Information Centre
 Haartmaninkatu 4, FIN-00029 HYKS, FINLAND
Emergency telephone number
 +358-9-4711

2. COMPOSITION/INFORMATION ON INGREDIENTS

- 2.1 Chemical characterisation**
 A mixture of highly refined mineral base oils and additives.
 - 2.2 Hazardous components**
- | 2.2.1 CAS-No. | 2.2.2 Chemical name of the substance | 2.2.3 Weight % | 2.2.4 Classification |
|----------------------|---|-----------------------|-----------------------------|
| 74869-22-0 | Lubricating oil | >80% | - |

3. HAZARDS IDENTIFICATION

HUMAN: Long term or repeated skin contact may cause irritation.
 ENVIRONMENTAL: Large spills may cause pollution of ground water.

4. FIRST AID MEASURES

- 4.1 General advice**
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- 4.2 Inhalation**
 Move to fresh air in case of accidental inhalation of vapours or mists.
 If symptoms persist, call a physician.
- 4.3 Skin contact**
 Wash off immediately with soap and plenty of water and remove contaminated clothing.
- 4.4 Eye contact**
 Rinse with plenty of water. If eye irritation persists, call a physician.
- 4.5 Ingestion**
 DO NOT INDUCE VOMITING! Rinse mouth and call a physician.

4.6 Notes to physician

Aspiration into the lungs may cause fatal chemical pneumonitis.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Foam or dry powder.

5.2 Extinguishing media which must not be used for safety reasons

Water spray.

5.4 Special protective equipment for firefighters

In case of fire inside, use self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

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6.2 Environmental precautions

Prevent spills entering soil, sewers or waterways by damming with sand or by soaking the spill up with oil absorbent material. Contact local authorities.

6.3 Methods for cleaning up

Clean up promptly and dispose of waste product in accordance with local and national regulations.

7. HANDLING AND STORAGE

7.1 Handling

When handling drums use special safety shoes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering measures

Use local exhaust ventilation to control mists or vapours. Repeated skin contact should be avoided.

8.2 National occupational exposure limits

8.2.1 National occupational exposure limits

Chemical name of the substance	Oil mist	.
	5 mg/m ³ (8 h)	.

8.3 Personal protective equipment

8.3.1 Hygiene measures

Wash hands before eating, drinking, smoking or toilet.

8.3.2 Respiratory protection

When exposed to vapours, use approved supplied-air respirator (filter A2/P2).

8.3.3 Hand protection

Use nitrile or neoprene gloves.

8.3.4 Eye protection

Chemical goggles or face shield, if needed.

8.3.5 Skin and body protection

Protective clothing is recommended if skin contact or contamination of clothing is likely.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Form, Colour, Odour Yellowbrown liquid.

9.3 Information on changes in the physical state

9.3.1 Boiling point/range > 350 °C

9.4 Flash point > 100 °C

9.6 Autoignition temperature > 250 °C

Product name: **Teboil Hydraulic Oil 15, 22, 32S, 46S, 68, 100, 46 WB**

Date 12.09.2000

Previous date 11.06.1996

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9.10	Vapour pressure	< 1 Pa (20 °C)
9.11	Relative density	880 - 900 kg/m ³
9.12	Solubility	
	- water solubility	insoluble
	- fat solubility	-
9.13	Partition coefficient (n-octanol/water)	
	High (> 3).	
9.14	Viscosity	15-100 cSt/40°C respectively.

10. STABILITY AND REACTIVITY

10.3 Hazardous decomposition products

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11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity

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11.2 Primary irritation

May cause mild respiratory or dermal irritation.

11.3 Sensitisation

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11.5 Human experience

Long term and/or repeated skin contact may cause skin inflammation.

11.6 Further information

Used lubricants may contain impurities, which may cause hazards to human health or to the environment when disposing of the waste oil.

All used oils should be handled carefully avoiding skin contact.

12. ECOLOGICAL INFORMATION

12.1 Persistence and degradability

12.1.1 Biological degradability

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12.1.2 Chemical degradation

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12.2 Bioaccumulation

No data.

12.3 Mobility

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12.4 Ecotoxicity effects

12.4.1 Aquatic toxicity

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13. DISPOSAL CONSIDERATIONS

Dispose of in a safe manner in accordance with local and national regulations.

14. TRANSPORT INFORMATION

14.3 Land transport

14.3.1 Class Not classified

14.4 Sea transport

14.4.1 Class Not classified

15. REGULATORY INFORMATION

16. OTHER INFORMATION

16.1 Recommended use

16.1.1 Expressed in writing

Lubricant.

16.3 Further information

This information has to be available for all those, who work with this product. This MSDS is based on the present knowledge and it is meant to answer the questions about the product's influence on health, safety and environment.