

TEXACO INC.
INDUSTRIAL HYGIENE, TOXICOLOGY, AND MATERIAL
SAFETY DATA SHEET



NOTE: NO REPRESENTATION IS MADE AS TO THE ACCURACY OF THE INFORMATION
HEREIN. SEE PAGE 7 FOR CONDITIONS UNDER WHICH DATA ARE FURNISHED.

Trade Name and Synonyms 02740 HYDRAULIC OIL	
Manufacturer's Name Texaco Inc.	Emergency Telephone No. (914) 831-3400 ext. 204
Address P.O. Box 509 Beacon, NY 12508	
Chemical Name and/or Family or Description Hydraulic Oils	
THIS PRODUCT IS CLASSIFIED AS: <u> X </u> NOT HAZARDOUS: <u> </u> HAZARDOUS BY DEFINITION NO.(S) <u> </u> ON ATTACHED EXPLANATION SHEETS	
WARNING STATEMENT: NONE CONSIDERED NECESSARY	
OCCUPATIONAL CONTROL PROCEDURES	
Protective Equipment (Type) Eyes: Chemical type goggles or face shield optional.	
Skin: Exposed employes should exercise reasonable personal cleanliness; this includes cleansing exposed skin areas several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.	
Inhalation: None required if exposures are within permissible concentrations; see below.	
Ventilation: Normal	
Permissible Concentrations: Air: 5 mg/cubic meter of air for mineral oil mist averaged over an 8 hour daily exposure (ACGIH 1984-85).	
EMERGENCY AND FIRST AID PROCEDURES	
First Aid Eyes: As with most foreign materials, should eye contact occur, flush eyes with plenty of water.	
Skin: None considered necessary.	
Ingestion: None considered necessary.	
Inhalation: None considered necessary.	
Other Instructions: None.	

**PHYSIOLOGICAL EFFECTS:**Code
No. 02740

Effects of Exposure

Acute:

Eyes: Believed to be minimally irritating.

Skin: Believed to be minimally irritating.

Respiratory System: Believed to be minimally irritating if not in excess of permissible concentrations; see page 1.

Chronic: N.D.

Other: -

Sensitization Properties:

Skin: Yes No Unknown Respiratory: Yes No Unknown Median Lethal Dose (LD₅₀ LC₅₀) (Species)Oral Believed to be >5 g/kg (rat); practically non-toxicInhalation N.D.Dermal Believed to be >3 g/kg (rabbit); practically non-toxicOther N. D.

Irritation Index, Estimation of Irritation (Species)

Skin Believed to be <0.5/8.0 (rabbit); no appreciable effectEyes Believed to be <15/110 (rabbit); no appreciable effectSymptoms of Exposure None expected other than possible minimal irritation**FIRE PROTECTION INFORMATION**Ignition Temp.^oF. N.D. Flash Point ^oF. (Method) N.D.Flammable Limits (%) Lower N.D. Upper N.D.

Products Evolved When Subjected to Heat or Combustion:

Carbon monoxide, carbon dioxide, aldehydes and ketones, combustion products of nitrogen and sulfur.

Recommended Fire Extinguishing Agents And Special Procedures:

According to the National Fire Protection Association Guide, use water spray, dry chemical, foam, or carbon dioxide.

Water or foam may cause frothing. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak.

Unusual or Explosive Hazards:
None.

**ENVIRONMENTAL PROTECTION**Code
No. 02740

Waste Disposal Method:

Under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixture, processes, etc. may render the resulting material hazardous. (See Remarks for Waste Classification.)

Procedures in Case of Breakage or Leakage:

(Transportation Spills Call CHEMTREC (800) 424-9300)
Contain spill if possible. Wipe up or absorb on suitable material and shovel up.

Remarks:

Waste Classification: Product has been evaluated for RCRA characteristics and does not meet criteria of a hazardous waste if discarded in its purchased form.

PRECAUTIONS

NONE CONSIDERED NECESSARY

Requirements for Transportation, Handling and Storage:

Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

DOT Proper Shipping Name: N.A.

DOT Hazard Class (if applicable): N.A.

CHEMICAL AND PHYSICAL PROPERTIESBoiling Point (°F) N.D. Vapor Pressure N.D. (mmHg)Specific Gravity N.D. (H₂O=1) Vapor Density N.D. (Air=1)Appearance and Odor Pale liquidpH of undiluted product N.A.Solubility N.D.Percent Volatile by Volume N.D.Evaporation N.D. ()=1Viscosity cSt @ 40 C = 62.5Other -Hazardous Polymerizations Occur X Do not occur

The Material Reacts Violently With: (If others is checked below, see additional comments on page 6 for further details)

Air	Water	Heat	Strong Oxidizers	Others	None of These
					X

N.D. - Not Determined

N.A. - Not Applicable

< - Less Than

> - Greater Than

**COMPOSITION**Code
No. 02740

<u>Chemical/Common Name</u>	<u>CAS No.</u>	<u>Exposure Limit</u>	<u>Range in %</u>
Solvent-dewaxed heavy paraffinic petroleum distillates	64742650	5mg/m3 ACGIH (MIST) 5mg/m3 OSHA (MIST) 10mg/m3 STEL (MIST)	50.00 - 64.99
Severely refined hydrotreated heavy naphthenic petroleum distillates	64742525	5mg/m3 ACGIH (MIST) 5mg/m3 OSHA (MIST) 10mg/m3 STEL (MIST)	35.00 - 49.99

To the best of our knowledge, none of the above listed components is hazardous according to OSHA (1910.1200) or one or more state Right-To-Know lists.

**PRODUCT SHIPPING LABEL**Code
No. 02740

02740 HYDRAULIC OIL

NONE CONSIDERED NECESSARY

<u>Chemical/Common Name</u>	<u>CAS No.</u>	<u>Range in %</u>
Solvent-dewaxed heavy paraffinic petroleum distillates	64742650	50.00 - 64.99
Severely refined hydrotreated heavy naphthenic petroleum distillates	64742525	35.00 - 49.99

To the best of our knowledge, none of the above listed components is hazardous according to OSHA (1910.1200) or one or more state Right-To-Know lists.

HMIS
Health : 0 Reactivity : 0
Flammability: 1 Special : -

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

HEALTH EMERGENCY TELEPHONE: (914) 831-3400 (EXT. 204)

Texaco Inc.
2000 Westchester Avenue
White Plains, New York 10650

For Additional Information Concerning:

Fuels/Lubricants/Antifreezes
call (914) 831-3400 (EXT.204)
Chemicals
call (512) 459-6543
Transportation Spills
call CHEMTREC (800) 424-9300

**ADDITIONAL COMMENTS**Code
No. 02740

TEXACO INTENDS TO COMPLY FULLY WITH PROVISIONS OF THE TOXIC SUBSTANCES CONTROL ACT
STATE OF MICHIGAN CRITICAL MATERIALS ACT (REVISED 1986)
0.060% Zinc

-

To determine applicability or effect of any law or regulation with respect to the product, users should consult his legal advisor or the appropriate government agency. Texaco does not undertake to furnish advice on such matters.

By R. T. Richards Title Mgr. Env. Conservation & Toxicology
Date 11-18-85 New Revised, Supersedes 10-15-85

N.D. - Not Determined
< - Less Than

N.A. - Not Applicable
> - Greater Than