

MATERIAL SAFETY DATA SHEET

H&W Petroleum Co., Inc.

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May be used to comply OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health Administration. (Non-Mandatory Form) Form Approved OMB No.1218-0072.

SECTION I

GENERAL INFORMATION

PRODUCT NAME TEX Economy Tractor Hydraulic Oil

SECTION II

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	WT.%	C.A.S. No	TLV
Distillates (Petroleum Straight Run Middle)	20-60	64741-53-3	N/A
Heavy Naphthenic Vaccum Distillate	Blend	64741-53-3	N/A
Light Naphthenic Hydrotreated Distillates (petroleum)	Blend	64742-53-6	N/A
Additive Package	0.2 -10	Proprietary	N/A

Comments: This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication). Discharges of spills into or leading to surface waters that cause sheen must be reported to the National Response Center (1-800-424-8802). All components of this product are listed on the U.S. EPA TSCA Inventory.

SECTION III

PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H ₂ O=1) @ 60°F	0.92	Appearance and Odor	Clear light yellow liquid with mild petroleum odor
Solubility in Water	Negligible	pH	N/A
Flash Point (COC), °F(°C)	350 (177)	Viscosity, cSt @40°C	65
Pour Point, °F (°C)	-8 (-22)	Vapor Density (Air=1)	N/A

SECTION IV

FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:

Water Fog xx Foam xx CO₂ xx Dry Chemicals xx

SPECIAL FIRE FIGHTING PROCEDURES. Use water to keep fire-exposed containers cool and to protect personnel. If a leak or spill has not ignited, use water spray to disperse the vapors and to flush spills away from exposures. Avoid inhaling any combustion products. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS. Mist or sprays may be flammable below the product normal flash point.

SECTION V

REACTIVITY DATA

Stable xx Unstable Corrosive No Hazardous Polymerization? Yes No xx

Incompatibilities:

Heat, open flame, and oxidizing agents.

Hazardous Decomposition or Byproducts:

Combustion products may include smoke, fumes, oxides of phosphorus, boron, sulfur, nitrogen, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.

SECTION VI

HEALTH HAZARD INFORMATION

Recommended TLV of Product 5 mg/m³ (short term: 10 mg/ m³)

EYE CONTACT	May cause irritation to the eyes.	SKIN CONTACT	May cause irritation to the skin. Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.
INHALATION	Low hazard at standard temperatures and pressures. Inhalation of oil mist or fumes can cause irritation of the nose, throat and upper respiratory tract.	INGESTION	May cause nausea, vomiting and diarrhea.
OTHER	Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury, possibly death.		

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT	Flush with large amount of water for 15 minutes. Get medical attention if eye irritation develops or persists.
SKIN CONTACT	Wash with soap and water. Remove contaminated clothing and wash before re-use. Get medical attention if skin disorder develops.
INHALATION	If affected, remove individual to fresh air. If not breathing, give mouth-to-mouth resuscitation. Get medical attention if symptoms develop or persist.
INGESTION	Do not induce vomiting. Get immediate medical attention or advice.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION	CONSUMER N/A	BULK HANDLING (Prolonged Exposure) If mist is generated (heating, spraying) and engineering controls are not sufficient, wear NIOSH approved organic vapor respirator suitable for oil mist.
VENTILATION	Use with adequate ventilation.	Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.
EYE PROTECTION	N/A	Goggles or full-face shield if splash or mist occurs.
PROTECTIVE CLOTHING	N/A	Oil-impervious garments over exposed parts of the body if contact is unavoidable.

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURE	Observing health hazards described above, ventilate area. Dike to contain spill. Pick up free liquid for recycle and/or disposal. Residual liquid and/or solid can be absorbed on inert material. Keep from sewers and natural waterways.
WASTE DISPOSAL METHOD	Dispose in accordance with all local, state and federal regulations. Keep this product out of sewers and waterways.
STORAGE AND HANDLING PRECAUTIONS	Store away from heat, sparks, open flame, or strong oxidizing agents in closed and properly labeled containers. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressure, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode.
OTHER PRECAUTIONS	When using this material, do not eat, drink or smoke. Wash thoroughly after handling. Keep away from children and animals.

Supersedes _____

OSHA Revised _____
Title _____

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