

LITHCO MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION

TRADE NAME (as labeled) Lithco Circulating and Gear Oil 150 EP
Lithco Circulating and Gear Oil 220 EP

MANUFACTURER'S NAME: Lithco, Inc. • 9449 Jefferson Blvd. • Culver City, CA 90232-2913

PHONE NUMBER FOR ADDITIONAL INFORMATION: (310) 559-7770 or (800) 454-8426

FAX NUMBER FOR ADDITIONAL INFORMATION: (310) 559-6908 or (888) 454-8426

EMERGENCY INFORMATION: For chemical emergency, spill, leak, fire, exposure or accident call Infotrac, day or night, at (800) 535-5053.

DATE PREPARED OR REVISED: 11-09-07 Replaces 3-17-03

PREPARED BY (optional):

SECTION II: HAZARDOUS INGREDIENTS

			EXPOSURE LIMITS		
Chemical Names	CAS Numbers	%	ACGIH TLV	OSHA PEL	OTHER
Hydrotreated Heavy Paraffinic Distillate	64742-54-7	50 - 65	5 mg/m ³	5 mg/m ³	STEL 10 mg/m ³
Hydrotreated Residual Oil	64742-57-0	40 - 55	5 mg/m ³	5 mg/m ³	STEL 10 mg/m ³

HMIS RATING: Health: 0 Fire: 1 Reactivity: 0 Personal protection: B

SECTION III: PHYSICAL PROPERTIES

VAPOR DENSITY (AIR = 1): N/A

MELTING POINT/RANGE: -N/A

SPECIFIC GRAVITY: 0.883

BOILING POINT/RANGE: ° F N/A

SOLUBILITY IN WATER: Negligible

EVAPORATION RATE (BuAc = 1): N/A

VAPOR PRESSURE, mm Hg @ 20 degrees C: <1.0

APPEARANCE AND ODOR: Pale yellow liquid, slight hydrocarbon odor

This product contains 0 % VOC by formulation. VOC = 0 LB/GAL or 0 GM/LITER.

This product is not photochemically reactive.

SECTION IV: FIRE AND EXPLOSION

FLASH POINT, degrees F. (give method): 480°F COC

AUTO-IGNITION TEMPERATURE, degrees F N.D.

FLAMMABLE LIMITS IN AIR (VOLUME %), LOWER % N/A UPPER % N/A

FIRE EXTINGUISHING MATERIALS:

WATER SPRAY: XX	FOAM: XX	CARBON DIOXIDE: XX	DRY CHEMICAL: XX	OTHER: N/A
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SPECIAL FIRE FIGHTING PROCEDURES: Fire fighting personnel should wear full bunker gear with NIOSH approved SCBA.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Material will not burn unless preheated. Cool exposed containers with water fog to prevent explosions.

SECTION V: HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE

INHALED: Inhalation of vapors (generated at high temperatures only) or oil mist from this product may cause mild irritation of the upper respiratory tract.

CONTACT WITH SKIN OR EYES: No more than mildly irritating.

ABSORBED THROUGH SKIN: May cause folliculitis or oil acne.

SWALLOWED: No more than slightly toxic if swallowed.

HEALTH EFFECTS OR RISKS FROM EXPOSURE (Explain in lay terms)

ACUTE: Mild irritation of the skin and eyes.

CHRONIC: None known.

FIRST AID EMERGENCY PROCEDURES

EYE CONTACT: Flush eyes for at least 15 minutes with running water while holding eyelids open. Get medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation persists. Do not wear contaminated clothing until properly laundered.

INHALED: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration or CPR if not breathing. Seek medical attention.

SWALLOWED: Do not induce vomiting. In general no treatment is necessary unless large quantities of product are ingested. However, get medical advice. Note to physicians: Emesis induction is unnecessary in high viscosity, low volatility products such as greases or oils.

SUSPECTED CANCER AGENT?

XXXX NO. THIS PRODUCT'S INGREDIENTS ARE NOT FOUND IN THE LISTS BELOW.

YES. FEDERAL OSHA NTP IARC

California employers using CAL/OSHA regulated carcinogens must register with CAL/OSHA. The CAL/OSHA and Federal OSHA carcinogen lists are similar.

CALIFORNIA PROP. 65 STATEMENT

THIS PRODUCT CONTAINS TRACES OF A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR CAUSE REPRODUCTIVE HARM.

PRE-EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin and respiratory disorders may be aggravated by this product.

SECTION VI: REACTIVITY DATA

PRODUCT IS XXX STABLE _____ UNSTABLE

CONDITIONS TO AVOID: Avoid contact with heat, sparks and open flame.

INCOMPATIBILITY (materials to avoid): Strong oxidizing agents, sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS, INCLUDING COMBUSTION: Carbon monoxide, carbon dioxide and unburned hydrocarbons

HAZARDOUS POLYMERIZATION _____ MAY OCCUR XXX WILL NOT OCCUR.

CONDITIONS TO AVOID: None under normal product use.

SECTION VII: SPILL, LEAK AND DISPOSAL PROCEDURES

SPILL RESPONSE PROCEDURES, INCLUDING EMPLOYEE PROTECTION: Extinguish all sources of ignition. Contain spill. Wear SCBA for airborne concentrations above TLV. Use sparkproof tools during clean-up. Soak up with inert absorbent.

PREPARING WASTES FOR DISPOSAL (containers, neutralization, etc.): Place in non-leaking containers suitable for material and certified for transporting hazardous waste.

NOTE: DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII: SPECIAL HANDLING INFORMATION

VENTILATION AND ENGINEERING CONTROLS: Provide ventilation to keep airborne concentration below TLV.

RESPIRATORY PROTECTION (TYPE): NIOSH/MCA approved for organic vapors for concentrations above TLV.

EYE PROTECTION (TYPE): Splashproof chemical goggles.

GLOVES (SPECIFY MATERIAL): Neoprene, nitrile or PVC. Nitrile preferred.

OTHER CLOTHING AND EQUIPMENT: Eyewash station and safety shower should be provided.

WORK PRACTICES, HYGIENIC PRACTICES: Wash hands thoroughly after use and before eating, drinking, smoking or using the toilet.

OTHER HANDLING AND STORAGE REQUIREMENTS: Keep containers closed when not in use. Do not use near sources of ignition. Avoid prolonged or repeated contact with skin or breathing of vapors. Keep from children. For industrial use only.

PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: Use protective gear as indicated above. Do not start electrical equipment in presence of vapors.

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SECTION IX: SHIPPING INFORMATION

FULL DOT SHIPPING NAME:

DOT HAZARD CLASS: Not hazardous **PACKING GROUP:** N/A **UN/NA NUMBER:** N/A

SECTION X: ENVIRONMENTAL STATEMENT

The components of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

Protection of stratospheric ozone (Pursuant to Section 611 of the Clean Air Act Amendments of 1990): Per 40 CFR Part 82, this product does not contain nor was it directly manufactured with any Class I or Class II ozone depleting substances.

Based on information available, this product does not contain any chemical substance regulated by a specific state list.

The Environmental Data Sheet (EDS) should always be included with the MSDS.

ENVIRONMENTAL DATA SHEET

Composition:

Chemical Names	CAS Numbers	%
Hydrotreated Heavy Paraffinic Distillate	64742-54-7	50 – 65
Hydrotreated Residual Oil	64742-57-0	40 – 55

SARA Title III Information

THIS PRODUCT IS NOT SUBJECT TO REPORTING ACCORDING TO SARA, TITLE III (SUPERFUND AMENDMENT).

Environmental Release Information

This product is covered by EPA’s Comprehensive Environmental Response Compensation and Liability Act (CERCLA) petroleum exclusion. Therefore, releases to air, land or water are not reportable under CERCLA (Superfund). However, under Section 311 of EPA’s Clean Water Act (CWA) this product is considered an oil. As such, spills into or leading to surface waters that cause a sheen must be reported to the National Response Center at 800-424-8802.

RCRA Information

If this product becomes a waste, it would not be considered a hazardous waste by RCRA criteria (40 CFR 261). Place in an appropriate container and send to a licensed disposal facility in compliance with local regulations.

Information contained in this safety data sheet is drawn from recognized sources and is believed to be accurate and correct as of the date of issue. It is presented for your evaluation of the suitability of the product and for compliance with federal and state regulations. No claims are made for the accuracy, completeness and reliability of the information contained herein.

OSHA Classification

This product is hazardous according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200 because it carries the occupational exposure limit for mineral oil mist.