



SAFETY DATA SHEET

590 S. Paddock Pontiac MI 48341

Ph: 248-333-1333 Fax: 248-333-1426

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 9986316
SYNONYMS: Camshaft and Lifter PreLube
PRODUCT CODE: TEMP

MANUFACTURER: Eastern Oil Company
ADDRESS: 590 South Paddock
 Pontiac, MI 48341

Manufacturer's Phone: (248) 333-1333

CHEMICAL FAMILY: Petroleum Hydrocarbon
CHEMICAL FORMULA: Mixture

SECTION 1 NOTES: Product is a blend of highly refined petroleum oils with anti-wear, corrosion, and rust inhibitors added for performance enhancement.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO</u>	<u>% WT</u>	<u>OSHA TWA</u>	<u>ACGIH TLV</u>	<u>SARA 313 reportable</u>
Mineral Oil (Petroleum)	Various	30-60	5 mg/m ³ (Mist)	5 mg/m ³ (Mist)	No
Zinc Dialkyldithiophosphate	68649-42-3	4-8			Yes
Calcium long-chain alkaryl sulfonate	115733-09-0	20-45			No

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: No acute effects expected from incidental skin contact during handling. Aspiration hazard (lung injury) if breathed into the lungs during ingestion or vomiting. Regulated OSHA air contaminant (29 CFR 1910.1000, Subpart Z). Liquid is slippery and will burn. Avoid release of this product to the environment.

ROUTES OF ENTRY: Eyes, Skin, Inhalation, Ingestion

POTENTIAL HEALTH EFFECTS:

EYES: May cause irritation

SKIN: Long term or repeated exposures will defat the skin resulting in irritation and possible dermatitis.

INGESTION: Danger of aspiration to the lungs with potential for chemical pneumonitis. Lesser effects include throat irritation, nausea, vomiting, and diarrhea.

INHALATION: Prolonged, excessive inhalation may cause irritation to the lungs and air passages.

ACUTE HEALTH HAZARDS: Eye and respiratory irritation.

CHRONIC HEALTH HAZARDS: Possible skin irritation, dermatitis and / or respiratory tract inflammation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dry skin.

CARCINOGENICITY

OSHA: NO

ACGIH: NO

NTP: NO

IARC: NO



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SECTION 4: FIRST AID MEASURES

EYES: Flush with copious amounts of water for several minutes. If irritation persists, continue with water application. If after 15 minutes, irritation continues, seek medical attention.

SKIN: Promptly wash skin with mild soap and water.

INGESTION: Do not induce vomiting. Seek qualified medical attention. Small amounts, which may enter the mouth incidental to handling, may be rinsed out with water. If vomiting occurs, keep head below hips to avoid breathing the product into the lungs.

INHALATION: Remove to fresh air. In severe cases of overexposure, such as with a fire, administer oxygen and seek qualified medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptoms as required. Product contains petroleum oils.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT:

F: >350 deg. Fahrenheit, Cleveland Open Cup

AUTOIGNITION TEMPERATURE:

F: Not Determined

NFPA HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

OTHER: None

HMIS HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

EXTINGUISHING MEDIA: Foam, Carbon Dioxide, Dry Chemical, Water Fog

SPECIAL FIRE FIGHTING PROCEDURES: Water may spread the fire as oil can float on it. Water spray may be used to cool exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Water may spread the fire. Heated containers may rupture.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon, Sulfur, Nitrogen and Zinc. Smoke, odorous and toxic fumes may form during incomplete combustion. High heat may also generate low levels of hydrogen sulfide and alkyl mercaptans.

SECTION 5 NOTES: Use of water for fire fighting must be done with caution as water may actually spread the fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Prevent spread of material, especially to rivers or waterways by diking with dirt or absorbent. For large spills, pump released material into recovery containers and then spread absorbent over the spill area to collect residuals. For small spills, wipe up or use absorbent to clean the spill area.

SECTION 6 NOTES: Prevent spill from reaching any type of running or standing water, such as streams, sewers, well water and ponds.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a sheltered area, away from temperature extremes in labeled containers. Keep away from heat, sparks, or flame. Avoid contact with eyes, skin, clothing, and shoes. Do not breath vapors or mist.

OTHER PRECAUTIONS: When handling, have appropriate safety equipment for the working conditions including eyewash. Do not pressurize, cut, weld, braze, solder, drill, or grind containers containing product residues. Wash thoroughly with soap and water after handling.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good ventilation desirable.

VENTILATION: Sufficient to control mists below the operator exposure threshold limit of 5 mg/m³.

RESPIRATORY PROTECTION: Required if employee exposure exceeds threshold.

EYE PROTECTION: Where contact is likely, wear safety glasses.

SKIN PROTECTION: Gloves recommended when handling. Neoprene, nitrile, or PVC offers good protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: As required, wear aprons, sleeves or other protective gear to prevent long-term skin contact.

WORK HYGIENIC PRACTICES: Keep clean. Wash exposed skin areas with mild soap and water.

EXPOSURE GUIDELINES: Avoid excessive inhalation of vapors or mists. Product is regulated by OSHA as an air contaminant. A TLV of 5 mg/m³ has been established. Discard oil soaked shoes and gloves. Launder contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Amber Oil

ODOR: Mild petroleum

PHYSICAL STATE: Liquid

pH AS SUPPLIED: Not Applicable

BOILING POINT: Greater than 420 deg. Fahrenheit

VAPOR PRESSURE (mmHg): < 0.1 mm of Hg at 20 deg. C

SPECIFIC GRAVITY (H₂O = 1): 1.02 Typical @ 20 deg. C

EVAPORATION RATE: Not Determined

SOLUBILITY IN WATER: Negligible

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Any type of contamination.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid mixing with strong oxidizers (such as powdered floor cleaners, caustic soda, or liquid perchlorates) and reducers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of Carbon, Nitrogen, Sulfur and Zinc may form during combustion. Also, low levels of hydrogen sulfide may be generated at elevated temperatures.

HAZARDOUS POLYMERIZATION: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Determined

SECTION 12: ECOLOGICAL INFORMATION



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ECOLOGICAL INFORMATION: Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Contact waste hauler for recycling. Follow all Local, State and Federal regulations.

RCRA HAZARD CLASS: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

Not DOT Regulated

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Components Listed

Sara 313 REPORTABLE INGREDIENTS: This product contains less than eight (8) percent Zinc Dialkyldithiophosphate, a reportable substance in SARA Title III and found in the substance tables of 40 CFR Part 372 as "Zinc compound".

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None noted.

PREPARATION INFORMATION: Prepared at an ISO 9001-2008 certified facility.

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