

MATERIAL SAFETY DATA SHEET

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Central Petroleum Company
201 East Lincoln Street
Walcott, IA 52773-0116

Phone Number: 563-284-6221
Monday-Friday, 8:00 a.m. – 3:45 p.m. CST
Fax Number: 563-284-5124
Emergency: CHEMTREC 1-800-424-9300

Product Name: Para-Synthetic Oil SAE 10W-30 and 15W-40
Common Name: Lubricating Oil

Issued Date: 06/12/08
Supersedes Date: 09/94

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance/Odor: Brown liquid with petroleum odor.

Potential Health Effects: See Section 11 for more information

Likely Routes of Exposure: Eye and skin contact

Eye: May cause eye irritation.
Skin: May cause skin irritation. Prolonged and repeated contact may cause defatting and drying, which can cause dermatitis, folliculitis, or oil acne. Symptoms of dermatitis include redness, edema, drying, and cracking of the skin.
Ingestion: Not expected to be more than slightly toxic.
Inhalation: Vapors generated by high temperatures and mists can cause nose, throat, and respiratory tract irritation.

Medical Conditions Aggravated By Exposure:

May cause more significant irritation in people with pre-existing eye, skin, and respiratory conditions.

Target Organs:

Liver, thyroid.

This product contains no carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>% by Wt.</u>
Highly Refined Petroleum and Synthetic Oils	Mixture	70-80
Proprietary Performance Additives		15-25

Section 4: FIRST AID MEASURES

Eye Contact: Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.

MATERIAL SAFETY DATA SHEET

Skin Contact: Remove contaminated clothing and wash before reuse. Remove excess from skin and wash with soap and water. Seek medical attention if symptoms persist.

Ingestion: Do NOT induce vomiting. If vomiting spontaneously occurs, have the victim lean forward to reduce the risk of aspiration. Seek immediate medical attention

Inhalation: Move to fresh air. Seek medical attention if symptoms occur.

Section 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide, dry chemical, or foam. Water may be used to cool and protect exposed containers.

Unsuitable Extinguishing Media:

Water stream may cause splattering.

Protection of Firefighters:

Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear.

Unusual Fire and Explosion Hazards:

During thermal decomposition, flammable or toxic gases may be released.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Ventilate area. Use personal protection recommended in Section 8.

Environmental Precautions:

Prevent entry into sewers and waterways.

Methods for Containment:

Contain and absorb with inert material such as sand or earth.

Methods for Clean-Up:

Vacuum or sweep up spilled material and place in an appropriate disposal container.

Section 7: HANDLING AND STORAGE

Handling:

Keep containers closed when not in use. Keep away from heat, open flames, and strong oxidizing agents. Use explosion-proof ventilation. Use proper grounding and bonding procedures. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Empty containers may contain product residue, which may exhibit the hazards of the product. Do not pressurize, cut, drill, grind, weld, or perform similar operations on or near containers.

Storage:

Store in a cool, dry place with adequate ventilation.

MATERIAL SAFETY DATA SHEET

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Mineral Oil

ACGIH TWA:	5 Mg/M ³ (as mist)
ACGIH STEL:	10 Mg/M ³ (as mist)
OSHA PEL:	5 Mg/M ³ (as mist)

Engineering Controls:

Sufficient ventilation, in volume and pattern, should be provided to keep the vapor concentration below applicable OSHA requirements.

Eye/Face Protection:

Wear safety glasses with side shields or chemical splash goggles.

Skin Protection:

Wear chemical resistant gloves, coveralls, apron, and/or boots as necessary to prevent contact. Do not wear rings, watches, or other items of apparel that could trap the material and cause skin reaction.

Respiratory Protection:

If exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted NIOSH approved respirator.

General Hygiene Considerations:

Wash hands before eating, drinking, or using the washroom.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Color:	Brown
Odor:	Petroleum
Physical State:	Liquid
pH	Not available
Melting/Freezing Point:	Not available
Boiling Point:	Not available
Flash Point:	>275°F (>135°C)
Evaporation Rate:	Not available
Upper Flammability Limit:	Not available
Lower Flammability Limit:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Specific Gravity:	0.88-0.92
Solubility (H ₂ O):	Insoluble
Auto Ignition Temperature	Not available
Decomposition Temperature:	Not available
Percent Volatile, wt %:	Not available
Volatile Organic Compound (VOC) Content, wt %:	Not available
Viscosity:	10.9-13.6 cSt @ 100°C

MATERIAL SAFETY DATA SHEET

Section 10: STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and conditions.

Conditions to Avoid:

Avoid heat, sparks, and open flames.

Incompatible Materials:

Strong oxidizing agents, acids, halogens, and halogenated compounds..

Hazardous Decomposition Products:

Thermal decomposition products include smoke, carbon monoxide, carbon dioxide, aldehydes, and other products of incomplete combustion. Magnesium oxides, calcium oxides, and sulfur oxides may also be formed. Hydrogen sulfide and alkyl mercaptans and sulfides may also be released.

Section 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Acute Effects:

Eye: May cause eye irritation.
Skin: May cause skin irritation. Prolonged and repeated contact may cause defatting and drying, which can cause dermatitis, folliculitis, or oil acne.
Ingestion: Not expected to be more than slightly toxic. Symptoms of dermatitis include redness, edema, drying, and cracking of the skin.
Inhalation: Vapors generated by high temperatures and mists can cause nose, throat, and respiratory tract irritation. High concentrations may cause headaches, dizziness, nausea, behavioral changes, weakness, drowsiness, and stupor.

Chronic Effects:

Repeated-dose oral toxicity studies performed using a component cause internal organ effects, including liver and thyroid enlargement, in laboratory rats. These effects were considered adaptive and were reversible upon cessation of treatment.

Carcinogenicity:

This material contains mineral oils, which are considered to be severely refined and not considered to be carcinogenic under IARC.

Section 12: ECOLOGICAL INFORMATION

No data available.

Section 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state, and local regulations.

MATERIAL SAFETY DATA SHEET

Section 14: TRANSPORT INFORMATION

US Department of Transportation Classification:
Not regulated.

Section 15: REGULATORY INFORMATION

SARA 313 Information:

<u>Component</u>	<u>% by Wt.</u>
Zinc Compounds	0.1-1.5

Section 16: OTHER INFORMATION

NFPA 704: National Fire Protection Association

Health = 1 Flammability = 1 Reactivity = 0

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Disclaimer:

This information has been compiled from sources considered to be dependable and is accurate to the best of Central Petroleum Company's knowledge; however, the Central Petroleum Company makes no warranty whatsoever, expressed or implied, of merchantability or fitness for particular purpose regarding the accuracy of such data or the results to be obtained from the use thereof. The Central Petroleum Company assumes no responsibility for injury to recipient or third persons or for any damage to any property and recipient assumes all such risks.