

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: Cen-Pe-Co Severe Service Oil SAE 10W-40  
Common Name: Lubricating Oil

Issued Date: 07/28/08  
Supersedes Date: 05/92

**Section 2: HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW

Appearance/Odor: Amber liquid with a petroleum odor.

Potential Health Effects: See Section 11 for more information

Likely Routes of Exposure: Eye and skin contact

Eye: May cause moderate to strong eye irritation, including pain, tearing, redness, and swelling.  
Skin: Repeated or prolonged contact may cause skin irritation. Prolonged or repeated contact may cause dermatitis, with symptoms including redness, edema, drying, and cracking.  
Ingestion: Expected to have a low order of toxicity.  
Inhalation: Not expected to be a toxic inhalation hazard.

Medical Conditions Aggravated By Exposure:

May cause more significant irritation in people with pre-existing skin conditions.

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>
Severely Solvent Refined Heavy Paraffinic Petroleum Oil	64741-88-4	70-80
Severely Solvent Refined Light Paraffinic Petroleum Oil	64741-89-5	0-8
Proprietary Performance Additives		20-25

**Section 4: FIRST AID MEASURES**

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

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.

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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:

Combustion may release flammable and/or toxic gases.

**Section 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions:

Ventilate area if spilled in a confined space or poorly ventilated 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. Do NOT use combustible materials such as sawdust.

Methods for Clean-Up:

Vacuum or sweep up spilled material and place in an appropriate disposal container. Residue can be absorbed with an inert material.

**Section 7: HANDLING AND STORAGE**

Handling:

Keep containers closed when not in use. Avoid breathing dust, fumes, gas, mist, spray, or vapor. Use proper bonding and grounding procedures. Wash thoroughly after handling.

Empty containers may contain product residue, which may exhibit the hazards of the product. Do NOT pressurize, cut, heat, or weld containers.

Storage:

Store in closed containers in a cool, well ventilated place. Protect material from direct sunlight. Keep away from heat, sparks, open flames, and other potential sources of ignition.

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**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Exposure Guidelines:

Oil Mist

OSHA PEL: 5 Mg/M<sup>3</sup>  
ACGIH TLV: 5 Mg/M<sup>3</sup>

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 or chemical splash goggles to avoid contact with material.

Skin Protection:

Wear protective gloves and other protective clothing as necessary to avoid contact with material.

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:	Amber
Odor:	Petroleum
Physical State:	Liquid
PH:	Not available
Freezing Point:	Not available
Boiling Point:	Not available
Flash Point:	>350°F (177°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
Solubility (H <sub>2</sub> O):	Negligible
Auto Ignition Temperature	Not available
Decomposition Temperature:	Not available
Percent Volatile, wt %:	Not available
Volatile Organic Compound (VOC) Content, wt %:	Not available
Viscosity:	13-15 cSt @ 100°C

**Section 10: STABILITY AND REACTIVITY**

Stability:

Normally stable at room temperature and pressure.

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### Conditions to Avoid:

Heat, sparks, and open flames.

### Incompatible Materials:

Acids, oxidizing agents, halogens, and halogenated compounds.

### Hazardous Decomposition Products:

Combustion products include smoke, carbon monoxide, carbon dioxides, calcium oxides, sulfur oxides, and aldehydes. Combustion may also release hydrogen sulfide and alkyl mercaptans and sulfides.

## 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 moderate to strong eye irritation, including pain, tearing, redness, and swelling.

Skin: Repeated or prolonged contact may cause skin irritation. Prolonged or repeated contact may cause dermatitis, with symptoms including redness, edema, drying, and cracking.

Ingestion: Expected to have a low order of toxicity.

Inhalation: Not expected to be a toxic inhalation hazard.

### Chronic Effects:

Prolonged and repeated overexposure to oil mists may cause droplet deposition, oil granuloma formation, inflammation, and increased incidence of infection.

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

Not data available.

## Section 13: DISPOSAL CONSIDERATIONS

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

## Section 14: TRANSPORT INFORMATION

US Department of Transportation Classification:

Not regulated.

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**Section 15: REGULATORY INFORMATION**

SARA 313 Information:

<u>Component</u>	<u>% by Wt.</u>
Zinc compounds	0.5-1.5

**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.