

**CENTRAL PETROLEUM COMPANY**  
11740 Clifton Blvd  
Cleveland, OH 44107-0597  
563-284-6221  
**MATERIAL SAFETY DATA SHEET**

**PRODUCT TRADE NAME: Cen-Pe-Co Extreme Duty Oil**

Product Type: Engine Oil  
CAS No: Not applicable for mixtures.  
Synonyms: Motor Oil  
Generic/Chemical Name: Mixture  
Preparation/Revision Date: 10-8-07

HMIS CODE: HEALTH: 0 FIRE: 1 REACTIVITY: 0  
NFPA CODE: HEALTH: 0 FIRE: 1 REACTIVITY: 0

**1.—COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENTS: 75 to 85% paraffinic petroleum oils, CAS nos.:  
mixture. OSHA PEL: 5mg/cuM.; ACGIN TLV-  
TWA: 5 mg/cuM.  
15 to 25% proprietary additives.  
< 2.5% zinc alkyl dithiophosphate.

**2.—HAZARDS IDENTIFICATION**

PRINCIPAL HAZARDS: This material has no known hazards.  
See Section 10 for complete health hazard information.

**3.—FIRST AID MEASURES**

ORAL: DO NOT INDUCE VOMITING. If conscious, give 2 glasses of  
water. Get immediate medical attention.  
EYE: Flush with water. Get medical attention if irritation develops or  
persists.  
SKIN: Wash with soap and water. Remove contaminated clothing. Get  
medical attention if irritation develops. Launder contaminated  
clothing before reuse and discard shoes and other leather articles  
saturated with the material.  
INHALATION: Remove exposed person to fresh air if adverse effects are  
observed.  
ADDITIONAL: Note to physician: Treat symptomatically.

**SECTION 4 - FIRE FIGHTING MEASURES**

FLASH POINT (Typical): >400 degrees F.  
UPPER FLAMMABLE LIMIT: Not Determined.  
LOWER FLAMMABLE LIMIT: Not Determined.  
EXTINGUISHING MEDIA: CO2, Dry Chemical, or foam. Water can be used to cool and protect exposed material.  
SPECIAL FIRE FIGHTING PROCEDURES: Recommend wearing self-contained breathing apparatus. Water may cause splattering. Material will float on water.  
UNUSUAL FIRE & EXPLOSION HAZARDS: Toxic fumes, gases or vapors may evolve on burning.  
AUTOIGNITION TEMPERATURE: Not Determined.

**SECTION 5 - ACCIDENTAL RELEASE MEASURES**

SPILL PROCEDURES: Personal protective equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

**SECTION 6 - HANDLING AND STORAGE**

HANDLING PROCEDURES: Keep containers closed when not in use. Wash thoroughly after handling. Empty container contains product residue, which may exhibit hazards of product.  
STORAGE PROCEDURES: Store in cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.

**SECTION 7 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

VENTILATION PROCEDURES: Use with adequate ventilation.  
GLOVES PROTECTION: Nitrile.  
EYE PROTECTION: Splash proof chemical goggles.  
RESPIRATORY PROTECTION: Under normal use conditions, respirator is not usually required unless heated or misted. Use NIOSH/MSHA approved disposable dust/mist mask if the recommended exposure limit is exceeded.  
CLOTHING RECOMMENDATION: Long sleeve shirt is recommended. Use chemically protective boots when necessary to avoid contaminating shoes. Do not wear rings, watches or similar apparel that could entrap the material and cause a skin reaction.

**SECTION - 8 PHYSICAL AND CHEMICAL PROPERTIES**

VAPOR PRESSURE:	Not Determined.
PH:	Not Determined.
SPECIFIC GRAVITY:	0.88
WATER SOLUBILITY:	Insoluble.
PERCENT VOLATILE:	Unknown.
VAPOR DENSITY:	Not Determined.
EVAPORATION RATE:	Not Determined.
ODOR:	Mild.
APPEARANCE:	Amber Colored Liquid.
VISCOSITY:	117 cSt at 40 Deg. C.
ODOR THRESHOLD:	Unknown.
BOILING POINT:	High with a wide range.
FREEZING POINT:	Not Determined.
MOLECULAR WEIGHT:	Not Determined.

**SECTION 9 - STABILITY AND REACTIVITY**

STABILITY:	Material is normally stable at moderately elevated temperatures and pressures.
INCOMPATIBILITY:	Heat. Open flames. Acids. Oxidizing agents. Halogens and halogenated compounds.
POLYMERIZATION:	Will not occur.
THERMAL DECOMPOSITION:	Smoke, carbon monoxide, aldehydes, and other products of incomplete combustion. Hydrogen sulfide and alkyl mercaptans and sulfides may also be released. Under combustion conditions, oxide following elements will be formed: Calcium, Sulfur.

**SECTION 10 - TOXICOLOGICAL INFORMATION**

ORAL TOXICITY:	No end point data. Lubricating oils are generally no more than slightly toxic if swallowed.
EYE IRRITATION:	May cause slight eye irritation. Based on data from components or similar materials.
SKIN IRRITATION:	Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated-skin contact as from clothing wet with material may cause dermatitis, oil acne, or folliculitis. Symptoms may include redness, edema, drying, defatting, and cracking of the skin.

**SECTION 10 - TOXICOLOGICAL INFORMATION-Continued**

DERMAL TOXICITY: No end point data. Minimally toxic.  
INHALATION TOXICITY: No end point data. Minimally toxic.  
RESPIRATORY IRRITATION: If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract similar to that observed with mineral oil. Based on data from components or similar materials. Under good industrial hygiene practices where all exposure limits are observed, respiratory irritation should not be a problem.  
DERMAL SENSITIZATION: No data available to indicate product or components may be a skin sensitizer.  
INHALATION SENSITIZATION: No data available to indicate product or components may be respiratory sensitizers.

-- CHRONIC EXPOSURE --

CHRONIC TOXICITY: No data available to indicate product or components present at greater than 1% are chronic health hazards.  
CARCINOGENICITY: No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.  
MUTAGENICITY: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.  
REPRODUCTIVE TOXICITY: No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.  
TERATOGENICITY: Diphenylamine is reported to be teratogenic in rats when administered through food or by gavage seven days prior to delivery.

-- ADDITIONAL INFORMATION --

OTHER: No other health hazards known.  
EXPOSURE LIMITS: Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter.

**SECTION 11 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL: Material, if uncontaminated, is not expected to be a characteristic hazardous waste under RCRA. Waste management should be in compliance with federal, state, and local laws.

**SECTION 12 - TRANSPORT INFORMATION**

U. S. DOT BULK SHIPPING DESCRIPTION: N.O.I. Oil, lubricating, N.O.I.

U. S. DOT NON-BULK SHIPPING DESCRIPTION: N.O.I. Oil, lubricating,  
N.O.I.

**13.—REGULATORY INFORMATION**

U.S. TSCA INVENTORY: All components of this material are on the US TSCA inventory.

OTHER TSCA REG.: Section 4 (Diphenylamine 122-39-4)

SARA EXT. HAZ. SUBST.: This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

SARA SECTION 313: From 0.7 To 1.6%, zinc compounds

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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 the 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 to third persons or for any damage to any property and recipient assumes all such risks.

CENTRAL PETROLEUM COMPANY

1449 W. 117 St.

Cleveland, Ohio 44107-5101  
319-284-6221

MATERIAL SAFETY DATA SHEET

NFPA HAZARD RATING

4 - Extreme	2 - Moderate
3 - High	1 - Slight
	0 - Insignificant

HEALTH: 0                      FIRE: 1                      REACTIVITY: 0

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CHEMICAL AND PHYSICAL PROPERTIES - SECTION 1

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PRODUCT NAME: Cen-Pe-Co Mega Moly Grease  
CHEMICAL NAME: Petroleum hydrocarbon plus additives  
FORMULA: Not applicable -  
HAZARDOUS DECOMPOSITION PRODUCTS:  
Carbon monoxide and carbon dioxide from burning.  
Oxides of sulfur  
Oxides of nitrogen  
Aldehydes  
Sulfur dioxide or hydrogen sulfide, depending upon  
decomposition conditions  
Oxides of calcium  
INCOMPATIBILITY (Keep away from):  
Strong oxidizers such as hydrogen peroxide,  
bromine, and chromic acid.  
TOXIC AND HAZARDOUS INGREDIENTS:  
None  
FORM: Semi-solid                      ODOR: Mineral Oil  
APPEARANCE: Grease                      COLOR: Gray  
SPECIFIC GRAVITY (Water=1):  
@ room temperature .96  
BOILING POINT: No data available  
MELTING POINT: Not applicable  
SOLUBILITY IN WATER (by weight %):  
Negligible at 25 degrees C.  
VOLATILE (by weight %):  
Not applicable  
EVAPORATION RATE:  
Not applicable  
VAPOR PRESSURE (mm Hg at 20 degrees C.):  
Not applicable  
VAPOR DENSITY (air=1):  
Not applicable  
PH (as is): Not applicable  
STABILITY: Product is stable under normal conditions  
VISCOSITY SUS AT 100 Degrees F.:  
Greater than or = to 100

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**FIRE AND EXPLOSION DATE - SECTION II**

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**SPECIAL FIRE FIGHTING PROCEDURES:**

Dense smoke. Fire fighters should wear an approved self-contained breathing apparatus.

Do not use water except as fog.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Dense smoke.

**FLASH POINT: (Method Used)**

Cleveland open cup greater than 205 degrees C. (401 degrees F.)

**FLAMMABLE LIMITS %:**

No data available.

**EXTINGUISHING AGENTS:**

Dry chemical or water fog or CO2 or foam or sand/earth.

Water may cause frothing.

Closed containers exposed to fire may be cooled with water.

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**HEALTH HAZARD DATE - SECTION III**

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**PERMISSIBLE CONCENTRATIONS (Air):**

Not applicable.

**CHRONIC EFFECTS OF OVEREXPOSURE:**

None when used with good personal hygiene practices. May otherwise cause skin and eye irritation upon prolonged or repeated contact.

**ACUTE TOXICOLOGICAL PROPERTIES:**

No data available.

**EMERGENCY FIRST AID PROCEDURES:**

**Eyes:** Immediately flush with large quantities of water for at least 15 minutes and call a physician.

**Skin Contact:**

Remove excess with cloth or paper and wash area thoroughly with soap and water. For high pressure injection under the skin see a physician immediately.

**Inhalation:**

Remove exposed person to fresh air if discomfort is experienced while handling hot product.

**If Swallowed:**

Contact a physician immediately.

**ADVICE TO PHYSICIANS:**

High velocity injection under the skin may result in serious injury. If left untreated the affected area is subject to infection, disfigurement, lack of blood circulation, and may require amputation. When dispensed by high pressure equipment this material can easily penetrate the skin and leave a bloodless puncture wound. Material injected into a finger can be deposited into the palm of the hand. Within 24-48 hours the patient may experience swelling, discoloration, and throbbing pain in the affected area. Immediate treatment by a surgical specialist is recommended.

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SPECIAL PROTECTION INFORMATION - SECTION IV

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VENTILATION TYPE REQUIRED (Local, mechanical, special):

None.

RESPIRATORY PROTECTION (Specify type):

None

PROTECTIVE GLOVES:

None

EYE PROTECTION:

Chemical safety goggles and, if handled hot, full face shield.

OTHER PROTECTIVE EQUIPMENT: None

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HANDLING OF SPILLS OR LEAKS - SECTION V

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PROCEDURES FOR CLEAN-UP: Transfer bulk of mixture into another container. Absorb residue with an inert material such as earth, sand, or vermiculite. Sweep up and dispose as solid waste in accordance with local, state, and federal regulations.

WASTE DISPOSAL: Dispose of in accordance with all applicable federal, state, and local regulations.

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SPECIAL PRECAUTIONS - SECTION VI

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed until ready for use.

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TRANSPORTATION DATA - SECTION VII

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D.O.T.:

Not regulated.

REPORTABLE QUANTITY:

Not applicable.

FREIGHT CLASSIFICATION:

Petroleum lubricating grease.

SPECIAL TRANSPORTATION NOTES: Not applicable.

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ENVIRONMENTAL/SAFETY REGULATIONS - SECTION VIII

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SECTION 313 (Title III Superfund Amendment and Reauthorization Act): This product does not contain any chemical in sufficient quantity to be subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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COMMENTS

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KEEP OUT OF REACH OF CHILDREN!!!

STATE RIGHT TO KNOW INFORMATION

New Jersey - petroleum oil (grease)  
contains: C.A.S. # 1317-33-5 molybdenum sulfide  
formula trade secret



Cen-Pe-Co Mega Moly Grease

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Prepared by: Blaine Ballentine  
Title: Products Manager  
Date: 3/13/96

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