

## **Closure Plan**

Prepared for the US Lubricant LLC facility  
7855 W. 2nd Ct, Bay 2, Hialeah FL.

FLR000213777

July 26, 2019

Civil • Environmental • Construction

**CEC**

(786) 563.3623  
[www.CECconsultingcorp.com](http://www.CECconsultingcorp.com)

123 SE 3rd Ave  
Suite 257  
Miami, FL 33131

CEC Engineering Inc. (CEC) was contracted by US Lubricant LLC (US Lubricant) to prepare this closure document to address FDEP's pending items required for proper closure of the site. Please accept the following as notification and details of the intended closure of the US Lubricant site located at 7855 W. 2<sup>nd</sup> Court, Hialeah, FL (FLR000213777).

## **I. Introduction:**

In 2013, US Lubricant LLC began the initial attempts to start a used oil recycling facility. Immediately, after acquiring all the required state and local permits along with the necessary equipment and materials, the owner of US Lubricant LLC. decided to terminate the used oil recycling operations. This decision was led by market trends and the owner's desire to focus on other portions of his business. Consequently, the need to dismantle and close the facility arose.

## **II. Historical Operations:**

It shall be noted that oil recycling operations never occurred on site. Upon observing the used oil market trends, the owner decided that this avenue of business was not as lucrative as was intended and discontinued further developing the used oil recycling system. It shall be noted that the used oil recycling operations never took place.

In-situ pilot tests of small batches of used oil were performed to assess the feasibility of the process. These were limited bench-scale tests and never reached the intended industrial scale. Therefore, the on-site oil recycling equipment was never used.

## **III. Facility Contents:**

On July 26, 2019, CEC staff visited the property and conducted a facility inspection to determine the existing conditions of the site and equipment in efforts to properly close the site with the FDEP. Pictures of the overall site and equipment is provided in Appendix A of this report. The following was observed:

- The facility is located within an industrial complex developed in 2008 in Hialeah, FL. The adjacent area to the south and west is abutted with industrial warehouses. The east is abutted by Amelia Earhart Park and the north is abutted by a new, multi-family residential development.
- The facility has a small office space and a large bay door with direct access to the oil recycling equipment. Said equipment sits in an area of secondary containment measuring approximately 16 ft X 25 ft X 6 in.
- The oil recycling equipment was found to be in brand-new conditions. The equipment found in the facility is comprised of the following:
  - A 550-gallon Hoover Liquitote tank
  - LYE-1000 Engine Oil Recycling System

- USFilter J-Press

- A total of 2, 55-gallon drums containing lubricating oil additive (Oloa 55503) were identified. It shall be noted that the label attached to these drums read “Not regulated as dangerous goods for transport”. These drums were sealed, and its content was never used.
- A total of 1, 55-gallon drum containing lubricating oil additive (Oloa 59094) was identified. It shall be noted that the label attached to this drum read “Not regulated as dangerous goods for transport”. This drum was sealed, and its content was never used.
- A total of 1, 55-gallon drum containing lubricating oil additive (Paratone 68330) was identified. It shall be noted that the label attached to this drum read “Not regulated as dangerous goods for transport”. This drum was sealed, and its content was never used.
- A total of 1, 55-gallon drum containing a neutral oil (MCC PPD5) was identified. It shall be noted that the label attached to this drum read “Non regulated for transportation”. This drum was sealed, and its content was never used.
- A total of 2, 270-gallon totes containing new base oil (Paratone 68330) was identified. It shall be noted that the label attached to this drum read “Not regulated as dangerous goods for transport”. These totes were sealed, and its content was never used.
- Floor drains were not observed at the site
- No oil stains, debris, or clutter were observed at the site. The overall housekeeping of the facility was above standard.
- No used oil was observed since used oil was never processed.

#### **IV. Facility Closure Plan:**

Since the oil recycling equipment is brand new (i.e., unused), the equipment will be dismantled and placed on the market to be sold to a third party for their future use.

The above-referenced 55-gallon drums and 270-gallon totes will be transported to another US Lubricant facility (located at 3636 NW 48<sup>th</sup> Terrace, Miami, FL 33142) and will be stored.

#### **V. Permit Requirements for Closure:**

The following are the stipulations for the closure of the site provided in the operating permit. CEC has addressed the stipulations in a comment / response format as follows:

*a. There will be no need for further Facility maintenance;*

**The facility never operated. Therefore, no past or future facility maintenance has been / will be provided.**

*b. Used oil will not contaminate soil, surface water or groundwater;*

**The facility never operated. Therefore, the potential for soil, surface water, or groundwater contamination has never / will never exists as it relates to this facility.**

*c. All tanks, piping, secondary containment & ancillary equipment will be emptied, cleaned and decontaminated, and all materials removed and managed;*

**The facility never operated. Therefore, all of the associated tanks, piping, secondary containment, and ancillary equipment does not require to be emptied, cleaned, decontaminated, removed and/or managed. As referenced above, the equipment is in brand new conditions. Therefore, it will be sold to a third party.**

*d. Aboveground storage tanks and process tanks and all integral piping will be closed pursuant to Rule 62-762.801, F.A.C.*

**The facility never operated. Therefore, all of the associated process tanks do not require to be managed.**

*e. Permittee who store or process used oil in above ground tanks must, pursuant to closure requirements of 40 CFR 279.54(h), remove or decontaminate used oil residues in tanks, contaminated containment system components, contaminated soil, and structures and or equipment contaminated with used oil, and manage them as hazardous waste, unless the materials are not hazardous waste as defined in 40 CFR 261 or determined, pursuant to 40 CFR 262.11;*

**The facility never operated. Therefore, all of the associated tanks, piping, secondary containment, and ancillary equipment does not require to be emptied, cleaned, decontaminated, removed and/or managed. As referenced above, the equipment is in brand new conditions. Therefore, it will be sold to a third party.**

*f. The closure plan, as described in the permit application shall be updated whenever significant operational changes occur or design changes are made;*

**Acknowledged / NA**

*g. The closure plan shall be maintained with records required under Rule 62-710.510, F.A.C.*

**Acknowledged / NA**

*h. The Permittee shall submit an updated and detailed plan to the Department at least 60 days prior to the schedule date of closing the Facility and notify the Department at least 30 days*



*prior to the commencement of closure activities; and*

**Acknowledged. Please allow this document as notification that the facility will be officially closing along with details of said closure.**

*i. The Permittee shall submit a certification of closure completion to the Department that demonstrates that the Facility was closed in substantial compliance with the approved closure plan, within 30 days after closing the Facility.*

**Acknowledged. Within 30 days, CEC will submit a certification of closure completion demonstrating that the facility was closed in substantial compliance with the approved closure plan.**

## **VI. Conclusions and Recommendations**

US Lubricant LLC began the initial attempts to start a used oil recycling facility. Immediately, after obtaining all the required state and local permits along with the necessary equipment and materials, the owner of US Lubricant LLC., decided to terminate the used oil recycling operations due an oversaturation of recycled oil in the overall market and a subsequent decline in its price. Therefore, the owner decided to focus on other portions of his business. Consequently, the need to dismantle and close the facility arose.

Pursuant to section IV (above) and to all other applicable FDEP, FAC, and/or 40 CFR stipulations, CEC hereby recommends closure of the facility. CEC looks forward to the FDEP's review and concurrence.

**Certification Page**

I, Shawn M. Conn, PE license number 76203, an employee of CEC Engineering Inc., certify that I currently hold an active license in the State of Florida and am competent through education and/or experience to provide the services contained in this report. I further certify that, in my professional my judgement, this report meets the requirements outlined for the closure of the facility in the FDEP operating permit and was prepared by me or under my responsible charge.

---

Shawn M. Conn, P.E.  
FL License Number 76203

## Appendix A



















MATERIAL SAFETY  
DATA SHEET  
FLECOS DE  
DATOR SOBRE  
SEGURIDAD DE  
MATERIALES







MATERIAL SAFETY  
DATA SHEETS  
FLEET 25 DE  
DATOR SOMO  
SEGURIDAD DE  
HATE NALES











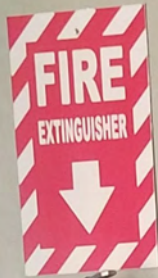






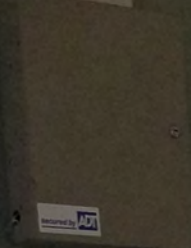








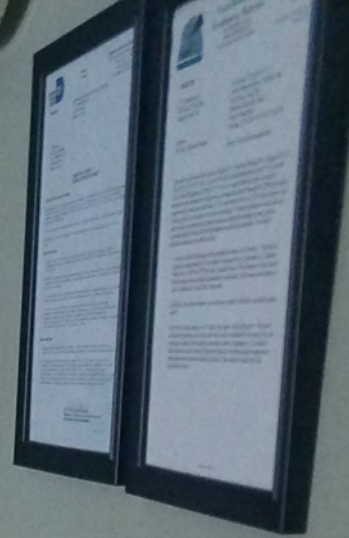
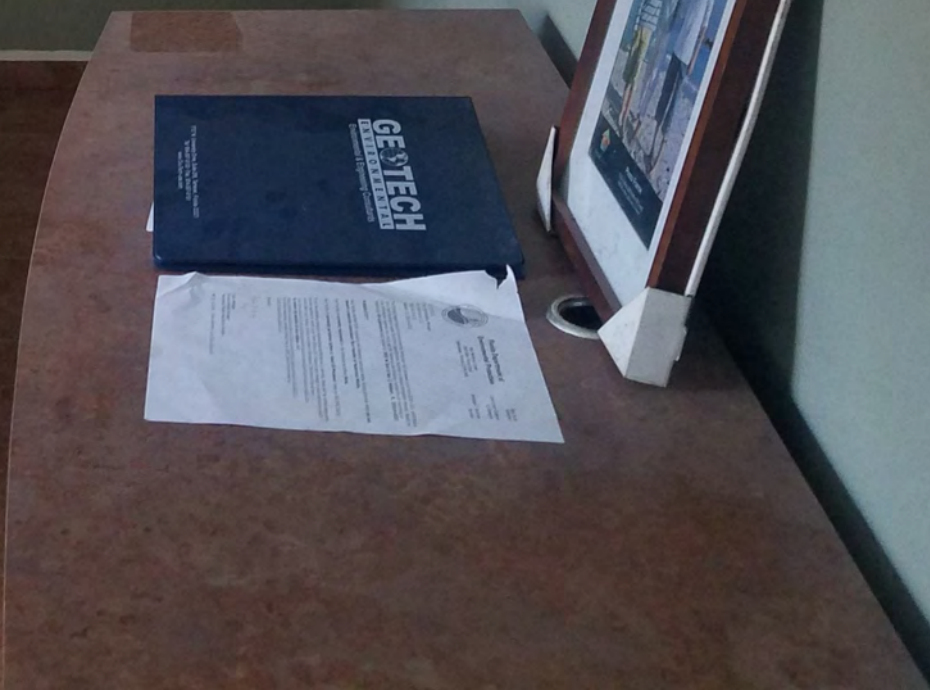
EXIT



















EXIT

FIRE

220V

MCC PPD5

SAFETY DATA SHEET BEFORE USING



# MCC

MidContinental Chemical Company, Inc.

## MCC PPD5

**\* READ MATERIAL SAFETY DATA SHEET BEFORE USING \***

### INGREDIENTS:

For the Polymer Trade Secret

Registered on CAS# 12673-85-0

### HAZ. CLASSIFICATION:

Persistan: Lubricating Oils, NOI

Not regulated for transportation

**CAUTION:** May cause skin and eye irritation.

Avoid CONTACT WITH EYES, SKIN AND CLOTHING

Avoid BREATHING VAPOR OR MIST

Wash THOROUGHLY AFTER HANDLING

USE ADEQUATE VENTILATION

KEEP CONTAINER TIGHTLY CLOSED

### First Aid MEASURES:

**Inhalation:** Move subject to air.

**Eye contact:** Flush eyes with plenty of water for at least

15 min. Consult a physician if irritation persists.

**Skin contact:** Wash off immediately with soap and water.

Remove contaminated clothing and shoes. Obtain medical

attention if irritation develops. Wash clothing before reuse.

**Ingestion:** Get immediate medical attention. Only induce

vomiting if directed by a physician. Never give anything by

mouth to an unconscious person.

**See a physician:** Product is soluble in medical white and/or

petroleum.

**FIRE FIGHTING:** Use water spray (fog), CO<sub>2</sub>, dry chemicals, and/or extinguishing agents appropriate for the surrounding fire.

**MATERIAL STORAGE:** Keep container tightly closed and store in a well ventilated area. Do not store at temperatures above 100 deg C/212 deg F. Low temperature storage can cause handling problems. Viscosity of material will increase.

**HANDLING PROCEDURES:** Keep container tightly closed. Wash thoroughly after handling. Avoid formation of oil mist. Ensure the area is well ventilated.

**SPILLS AND LEAKS:** Wear a MSHA/NIOSH approved (or equivalent) half-mask, air-purifying respirator. Wear compatible, chemically resistant gloves. Wear protective clothing, including splash proof goggles and rubber overshoes. Take off immediately all contaminated clothing. Floor may be slippery; use care to avoid falling. Transfer immediately with inert materials (e.g. sand, earth). Transfer liquids and solids diking material to separate suitable containers for recovery or disposal. CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**CONTAINER HAZARDOUS WHEN EMPTY:** Since emptied containers contain product residual (vapors and/or liquid) follow all MSDS and label warnings even after container is empty. Improper disposal or reuse of this container may be dangerous and illegal. Refer to the applicable federal, state and local regulations.

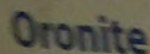
MidContinental Chemical Company  
1802 East 123<sup>rd</sup> Terrace  
Olathe, KS 66061  
For emergency call CHEMTREC 1-800-424-9300

Net Wt. - 386 lbs.  
Batch # - 58036868









OLOA® 59094

(LUBRICATING OIL ADDITIVE)



**WARNING**

... dass die ...

STATEMENT

...life with long lasting effects

Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid release to the environment.

[illegible]

in accordance with applicable local/regional/national/international regulations.

If heated water enters eyes, remove contact lenses, if worn, and flush eyes with water. If heated

[illegible]

As a precaution, get medical advice. If exposed to excessive levels of material in the air, move the exposed person to fresh air.

... highly refined mineral oil to 15...

Mixture, 41 %wt/wt. 01154100-5284P, Trade secret, 10  
Trade secret, 3 %wt/wt. 01154100-5327P, Trade secret,  
74499-35-7 & 132752-19-3, 0.4 %wt/wt.

### PRODUCT INFORMATION

SAP Material #: 1000000438  
BATCH #: 2015182176  
MFG. DATE (MM/DD/YY):  
05/01/2015

SHELF LIFE: 24 MONTHS  
FROM DATE  
MANUFACTURED

FILL QUANTITY:

DRUM SIZE CU. FT.: 10.7

GROSS LBS:	456.5
TARE LBS:	41.5
NET LBS:	415

GROSS KG:	206.8
TARE KG:	18.8
NET KG:	188

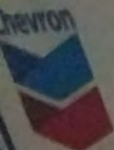
Supplier Identification -  
Company Address:  
Chevron Oronite Company LLC  
4800 Fournace Place,  
Bellaire Texas, 77401  
United States of America

DECLASSIFIED AS DANGEROUS GOODS FOR TRANSPORTATION

© 1997 General Services Administration

For Emergency Assistance Call: Chevron 1-800-231-0623 (or) Chemtrec 1-800-424-9300





Oronite

# PARATONE<sup>®</sup> 68330

(LUBRICATING OIL ADDITIVE)

Not classified as hazardous according to 29 CFR 1910.1200 (2012).

## Description of first aid measures

**Eye:** No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.  
**Skin:** No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, apply a waterless hand cleaner, mineral oil or petroleum jelly. Then wash with soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.  
**Ingestion:** No specific first aid measures are required. Do not induce vomiting. As a precaution, get medical advice.  
**Inhalation:** No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

**For Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

**Required Disclosures of Contents:** Highly refined mineral oil (C15 - C50), Mixture, 88 - 96 %wt/wt

SEE MSDS FOR MORE DETAILS

## PRODUCT INFORMATION

SAP Material #: 1000002583

BATCH #: GE12261

MFG. DATE: 5/12/2015

SHELF LIFE: 24 MONTHS  
FROM DATE  
MANUFACTURED

## FILL QUANTITY:

DRUM SIZE CU. FT.: 10.7

GROSS LBS: 402.5  
TARE LBS: 41.5

NET LBS: 361

GROSS KG: 181.8  
TARE KG: 18.8

NET KG: 163

Supplier Identification -  
Company Address:  
Chevron Oronite Company LLC  
4800 Fournace Place,  
Bellaire Texas, 77401  
United States of America



NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORTATION

© 2015 Chevron Oronite Company LLC, Bellaire, TX 77401-2335, U.S.A. For Emergency Assistance Call Chevron 1-800-331-0823 (ext. 434) or Chevron 1-800-424-9000





**PARATONE® 68330**  
(LUBRICATING OIL ADDITIVE)

Material # CO-0002583  
Batch # GE12261  
Label # 0253

1068330  
GE12261  
PT 68330

**OLOA® 59094**  
(LUBRICATING OIL ADDITIVE)

**WARNING**

NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORTATION

1059094  
2015182176  
OLOA 59094



ENCLOSED

Material Safety Data Sheet (MSDS) for OLOA 55503

Product Name: OLOA 55503 (Lubricating Oil Additive)

Manufacturer: Chevron

Version: 1.0

Date: 01/15/2015

Author: [illegible]

Reviewer: [illegible]

Approved: [illegible]

Next Review: 01/15/2018


**HUSKY**  
Contractor  
Clean-Up  
Bags

TRUE TIE  
FLAPS

3 MIL  
42 GAL (158 L)

3 BAGS

SAFETY DATA SHEET  
PPE: GLOVES, EYES, SKIN  
Hazardous to the Environment  
Hazardous to Aquatic Life  
Hazardous to Terrestrial Life  
Hazardous to Air Quality  
Hazardous to Soil Quality  
Hazardous to Water Quality  
Hazardous to Humans  
Hazardous to Animals  
Hazardous to Plants  
Hazardous to Microorganisms  
Hazardous to Invertebrates  
Hazardous to Fish  
Hazardous to Birds  
Hazardous to Mammals  
Hazardous to Reptiles  
Hazardous to Amphibians  
Hazardous to Insects  
Hazardous to Fungi  
Hazardous to Bacteria  
Hazardous to Viruses  
Hazardous to Parasites  
Hazardous to Protozoa  
Hazardous to Helminths  
Hazardous to Arachnids  
Hazardous to Molluscs  
Hazardous to Crustaceans  
Hazardous to Echinoderms  
Hazardous to Chordates  
Hazardous to Cephalopods  
Hazardous to Molluscs  
Hazardous to Crustaceans  
Hazardous to Echinoderms  
Hazardous to Chordates  
Hazardous to Cephalopods

**Oronite**

# OLOA® 55503

(LUBRICATING OIL ADDITIVE)

**Environmental Hazards:** Harmful to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS:**  
Prevention: Avoid release to the environment.  
Response: Clean up spills immediately, follow instructions on label.  
Hazardous to the Environment: H410 Very toxic to aquatic life.

**Description of first aid measures:**  
Eye: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water. If irritation persists, seek medical attention.  
Skin: Remove contaminated clothing and shoes. Wash skin with water. If irritation persists, seek medical attention.  
Inhalation: No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.  
Ingestion: No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

**Fire extinguishing:** Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

**Hazardous Characteristics of Combustion:** Highly flammable (C14 - C20). Melting point: 140-150 °F (60-65 °C). Boiling point: 300-350 °F (150-175 °C). Flash point: 140-150 °F (60-65 °C). Auto-ignition temperature: 300-350 °F (150-175 °C). Decomposition temperature: 300-350 °F (150-175 °C). Density: 0.85-0.90 g/cm³. Viscosity: 100-200 cSt at 100 °F (38 °C). Solubility: Insoluble in water. Compatibility: Compatible with all lubricating oils.

**Supplier Identification:**  
Company Name: Chevron  
Company Address: Chevron Greener Company LLC  
4900 Fourways Place  
Bellaire, Texas, 77408  
United States of America

**PRODUCT INFORMATION**

SAP Material #: 1000002863  
BATCH #: 2015291258  
MFG. DATE (MM/DD/YY): 07/17/2015

**SHelf LIFE:** 24 MONTHS  
**FROM DATE MANUFACTURED**

**FILL QUANTITY:**  
DRUM SIZE CU. FT.: 18.7

**GROSS LBS:** 458.5  
**TARE LBS:** 41.5  
**NET LBS:** 417

**GROSS KG:** 207.8  
**TARE KG:** 18.8  
**NET KG:** 189



Oronite

**OLEA® 55503**  
(LUBRICATING OIL ADDITIVE)

to aquatic life with long lasting effects.  
S:  
environment.  
ainer in accordance with applicable local/regional/national/international regulations.  
SIFIED: Not Applicable

required. As a precaution, remove contact lenses, if worn, and flush eyes with water. If  
flush eyes immediately with fresh water for 15 minutes while holding the eyelids open.  
mediate medical attention.  
and remove contaminated clothing and shoes. Get medical attention if any symptoms  
apply a waterless hand cleaner, mineral oil, or petroleum jelly. Then wash with  
thing and shoes or thoroughly clean before reuse. If the hot material gets on skin,  
sive burns. Do not try to peel the solidified material from the skin.  
ble oil or mineral oil is recommended for removal of this material from the skin.  
required. Do not induce vomiting. As a precaution, get medical advice  
required. If exposed to excessive levels of material in the air, move the exposed  
oughing or respiratory discomfort occurs

chemical or carbon dioxide (CO2) to extinguish flames.  
mineral oil (C15 - C20), Mixture, 3 %weight Zinc diethyl dithiophosphate, 99.99-100.01 %  
antioxidant alkylphenol and Calcium trisecbutylphenol. 74499-35-7 & 132762-19-3, 0.3 %weight

ROUS GOODS FOR TRANSPORTATION

PRODUCED IN  
SAP Material: 4000  
BATCH #: 2015071203  
MFG. DATE (MM/DD/YY):  
07/17/2015

SHELF LIFE: 24 MONTHS  
FROM DATE  
MANUFACTURED

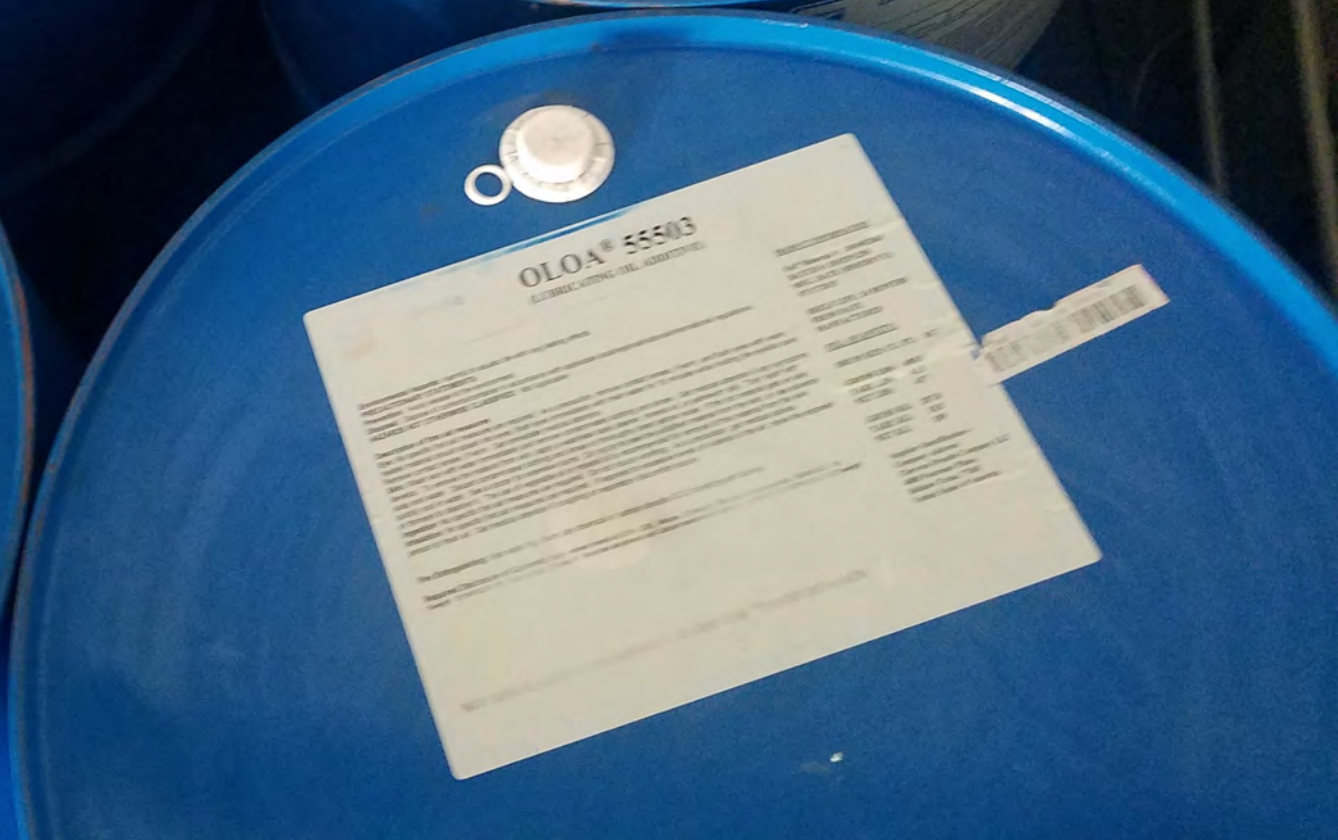
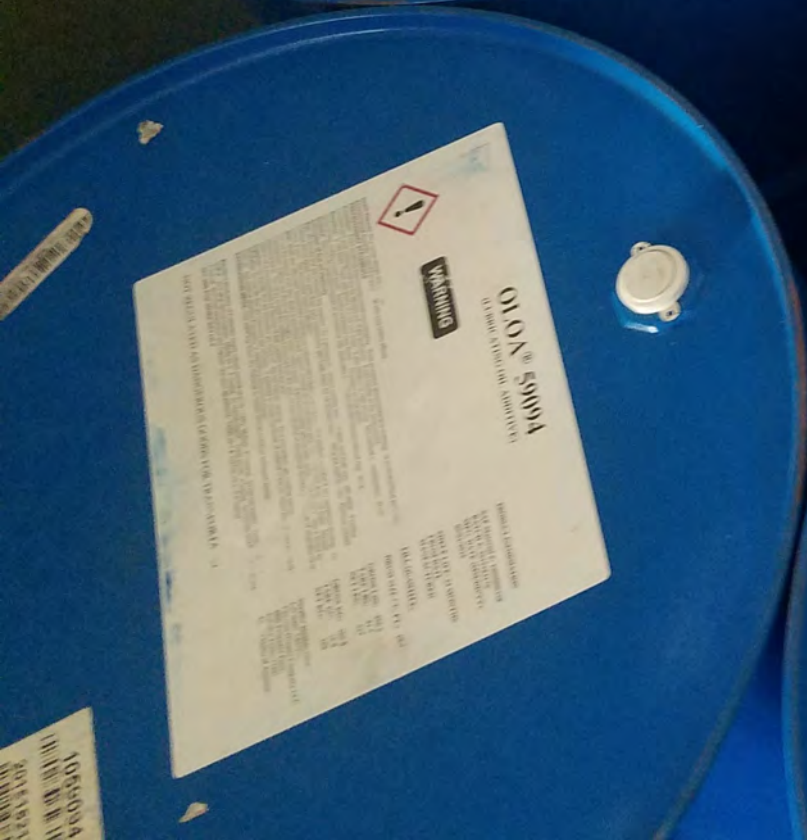
FILL QUANTITY  
DRUM SIZE CU. FT. 187

GROSS LBS: 488.3  
TARE LBS: 47.8  
NET LBS: 440.5

GROSS KG: 207.8  
TARE KG: 18.9  
NET KG: 188.9

Supplier: Multigrade  
Company: Multigrade  
Country: Germany  
4000 Production Plant  
Bismarck Street, 1000  
Central America & Mexico











31HA1/Y/0115/USA/+AA6011/  
3656/2031/1040L/56kg/100kpa/0115/0115

PASSED AT  
CLEANED

.234  
7/16/15

USA/R1337

250 kg max



During Transport

**CALUMET**  
SPECIALTY PRODUCTS PARTNERS, L.P.

14000 Mackinaw Ave  
Bumham Facility  
Bumham, IL 60633

US LUBRICANTS  
3636 NW 48TH TER  
MIAMI, FL 33142  
UNITED STATES

Customer PO#: VERBAL JOSE

Order #: 235893

Product Code: 0863P-00-S-TO270

Lot #: 201509040007

Date: 9/4/2015

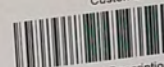
CAS No(s)  
64742-65-0

**CALPAR 600**

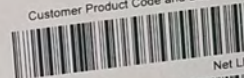
Gross:	2,121 lbs	962.001 kgs
Tare:	130 lbs	58.967 kgs
Net:	1,991 lbs	903.034 kgs
	270 US Gallons	

Contains: Distillates (petroleum), solvent-dewaxed heavy paraffinic

Customer PO



Customer Product Code and Description



Net Lbs



Net Kgs



Lot Number







14000 Mackinaw Ave  
Burnham Facility  
Burnham, IL 60633

US LUBRICANTS  
3636 NW 48TH TER  
MIAMI, FL 33142  
UNITED STATES

Customer PO#: **VERBAL JOSE**

Order #: **235893**

Product Code: **0863P-00-S-TO270**

Lot #: **201509040007**

Date: **9/4/2015**

Gross: **2,121 lbs 962.001 kgs**

Tare: **130 lbs 58.967 kgs**

Net: **1,991 lbs 903.034 kgs**

**270 US Gallons**

CAS No(s)

**64742-65-0**

Contains: Distillates (petroleum), solvent-dewaxed heavy paraffinic

# CALPAR 600

Customer PO



Customer Product Code and Description



Net Lbs



Net Kgs



Lot Number

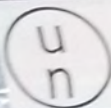




0000000000

0000000000

1000  
50 Ltr  
al. 300



31HA1Y/1014/USA/+AA6011/  
3656/2031/1040L/56kg/100kpa/1014/1014

PASSED AT  
CLEANED

.260  
7/16/15

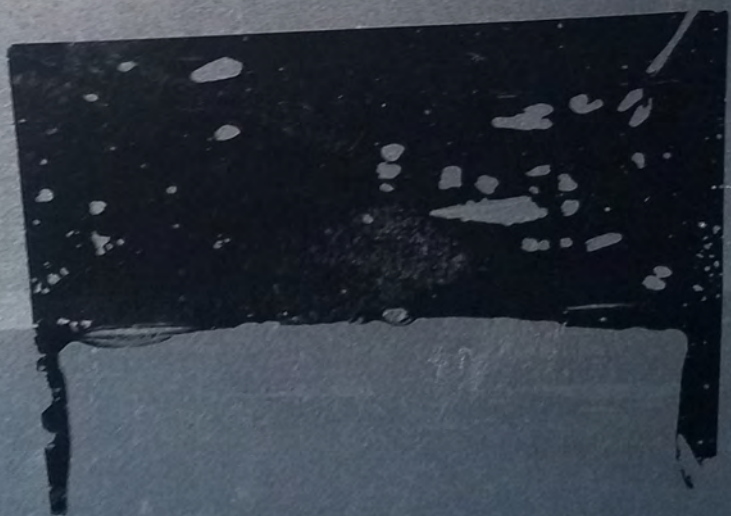
USA/R1337

Transport

250 kg max



During Transport



SCHUTZ





14900 Markinaw Ave  
Bumham Facility  
Bumham, IL 60633

US LUBRICANTS  
3636 NW 48TH TER  
MIAMI, FL 33142  
UNITED STATES

# CALPAR 60 B

Customer PO



Customer Product Code and Description



Net Lbs



Net Lbs



Lot Number



Customer PO#: VERBAL JOSE

Order #: 235893  
Product Code: 0815P-95-S-TO270  
Lot #: 201509010034  
Date: 9/1/2015

Gross: 1,991 lbs 903.021 kgs  
Tare: 130 lbs 58.967 kgs  
Net: 1,861 lbs 844.054 kgs  
270 US Gallons

8/27/2015

CAS No(s)  
64742-71-8

### Danger

May be fatal if swallowed and enters airways

IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

24-hour Emergency Phone) 800-424-9300 or International 703-527-3887  
Flammable or reactive  
Empty containers may cause fire.

MADE IN U.S.A.

CPAR 60 B  
355 TR  
8/27/15







# MCC PPD5

**\* READ MATERIAL SAFETY DATA SHEET BEFORE USING \***

**INGREDIENTS:**

Acrylic copolymer Trade Secret  
neutral oil CAS# 72623-86-0

**D.O.T. CLASSIFICATION:**

Petroleum Lubricating Oils, NOI  
(non regulated for transportation)

**CAUTION: May cause skin and eye irritation.**

AVOID CONTACT WITH EYES, SKIN AND CLOTHING

AVOID BREATHING VAPOR OR MIST.

WASH THOROUGHLY AFTER HANDLING

USE ADEQUATE VENTILATION

KEEP CONTAINER TIGHTLY CLOSED

**FIRST AID MEASURES:**

**Inhalation:** Move subject to air.

**Eye contact:** Flush eyes with plenty of water for at least 15 mins. Consult a physician if irritation persists.

**Skin contact:** Wash off immediately with soap and water. Remove contaminated clothing and shoes. Obtain medical attention if irritation develops. Wash clothing before reuse.

**Ingestion:** Get immediate medical attention. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person.

**Note to Physician:** Product is soluble in medical white and/or paraffin oil.

**FIRE FIGHTING:** Use water spray (fog), CO2, dry chemicals, and/or extinguishing agents appropriate for the surrounding fire.

**MATERIAL STORAGE:** Keep container tightly closed and store in a well ventilated area. Do not store at temperatures above 100 deg C/212 deg F. Low temperature storage can cause handling problems. Viscosity of material will increase.

**HANDLING PROCEDURES:** Keep container tightly closed. Wash thoroughly after handling. Avoid formation of oil mist. Ensure the area is well ventilated.

**SPILLS AND LEAKS:** Wear a MSHA/NIOSH approved (or equivalent) half-mask, air-purifying respirator. Wear compatible, chemically resistant gloves. Wear protective clothing, including splash proof goggles and rubber overshoes. Take off immediately all contaminated clothing. Floor may be slippery; use care to avoid falling. Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solids diking material to separate suitable containers for recovery or disposal. **CAUTION:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**CONTAINER HAZARDOUS WHEN EMPTY:** Since emptied containers contain product residual (vapors and/or liquid) follow all MSDS and label warnings even after container is empty. Improper disposal or reuse of this container may be dangerous and illegal. Refer to the applicable federal, state and local regulations.

HMIS	
HEALTH	1
COMBUSTIBLE	1
REACTIVITY	0
SPECIAL HAZARD	-

Net Wt. - 386 lbs.  
Batch # - 58035868

MidContinental Chemical Company  
1802 East 123<sup>rd</sup> Terrace  
Olathe, KS 66061  
For emergency call CHEMTREC 1-800-424-9300





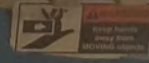




VERBODEN TOEGANG



**CAUTION**  
DO NOT OPERATE UNLESS  
SAFETY GUARDS OR DEVICES  
ARE IN PLACE AND  
PROPERLY ADJUSTED





Manufacturer: USFILTER  
Drawing Number: 118258/F  
Volts/Phase/Hertz: 120/1/60  
Full Load Amps: 1

CONTROL  
POWER  
OFF ON

LOW  
HYDRAULIC  
PRESSURE





113=19

FEED  
STAGE 1





### J-PRESS OPERATING INSTRUCTIONS

#### TO CLOSE FILTER PRESS:

1. TURN HAND VALVE TO CLOSE POSITION.
2. AS THE CLAMP PRESSURE BUILDS, THE HYDRAULIC PUMP WILL CYCLE SLOWER. DO NOT START FEEDING UNTIL HYDRAULIC CLAMP PRESSURE HAS BEEN REACHED.
3. WITH MAXIMUM HYDRAULIC PRESSURE REACHED, START FEED PUMP.

CAUTION: DO NOT TURN THE HAND VALVE TO THE STOP POSITION WHILE FEEDING! THIS RELIEVES HYDRAULIC PRESSURE TO THE SYSTEM AND MAY RESULT IN LEAKING OR SQUIRTING!

#### TO OPEN FILTER PRESS:

1. SHUT OFF FEED PUMP.
2. PERFORM CAKE WASH, AIR BLOW, OR CORE BLOW IF APPLICABLE (SEE MANUAL).
3. TURN HAND VALVE TO OPEN.
4. CLEAN FILTER PLATES.

# CAUTION

DO NOT OPERATE UNLESS  
SAFETY GUARDS OR DEVICES  
ARE IN PLACE AND  
PROPERLY ADJUSTED

**J-PRESS**

STOP



USFalcon

J-PRES





LIQUITOTE

MOORE  
31A/1 MPa  
MS724  
7550 L  
100%  
ASTM A312 304  
2.5mm

4250 KG  
↓  
↓



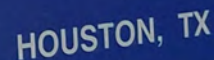
LIQUITOTE  
MOORE MATERIALS HANDLING GROUP INC.  
HOUSTON, TX  
WWW.LIQUITOTE.COM  
800-666-888

CAUTION!  
DO NOT  
PRESSURIZE  
THIS TANK

Control panel with digital display and multiple buttons.

Buttons: 12 green, 12 red, 12 blue, 12 yellow, 12 orange, 12 purple, 12 pink, 12 grey, 12 white, 12 black, 12 silver, 12 gold, 12 bronze, 12 copper, 12 nickel, 12 zinc, 12 iron, 12 steel, 12 aluminum, 12 titanium, 12 carbon, 12 silicon, 12 oxygen, 12 nitrogen, 12 hydrogen, 12 helium, 12 neon, 12 argon, 12 krypton, 12 xenon, 12 radon, 12 francium, 12 actinium, 12 thorium, 12 uranium, 12 plutonium, 12 americium, 12 curium, 12 berkelium, 12 californium, 12 einsteinium, 12 fermium, 12 mendelevium, 12 nobelium, 12 lawrencium, 12 rutherfordium, 12 dubnium, 12 seaborgium, 12 bohrium, 12 hassium, 12 meitnerium, 12 darmstadtium, 12 roentgenium, 12 copernicium, 12 nihonium, 12 flerovium, 12 livermorium, 12 tennessine, 12 oganesson.



[illegible]



ON, TX WWW.HOOPERGROUP.COM

CERTAIN ITEMS MANUFACTURED BY HOOPER GROUP INC. ARE COVERED BY THE FOLLOWING PATENTS: 4,048,832 4,685,136 4,648,521 4,778,077 4,768,968 4,765,961 4,765,964 4,755,519 4,726,449 4,863,452 D-100,874 D-504,861 4,845,284 4,802,194 4,803,581 D-508,574 4,896,746 4,896,800 D-503,126 D-510,786 4,890,814 4,921,126 D-520,395 5,018,752 5,029,754 4,928,822 4,955,588 5,156,294 5,177,138 5,156,248 5,118,000 4,678,072 4,033,436 D-264,248 5,183,376 D-414,533 5,048,479 4,507,365 4,475,460 D-416,706 5,244,648 4,079,587 4,507,120 4,719,831 OTHER PATENTS ARE PENDING.



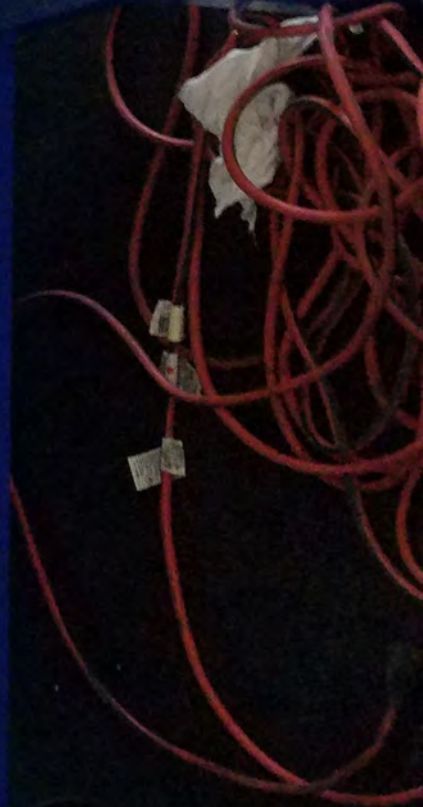




Alfa Laval



480 VOLT  
MOTOR 210 Ptl 4p  
ALPHA LAVAL OIL PUR  
MOTOR  
A PHASE-7 A  
B PHASE-7 A  
C PHASE-7 B

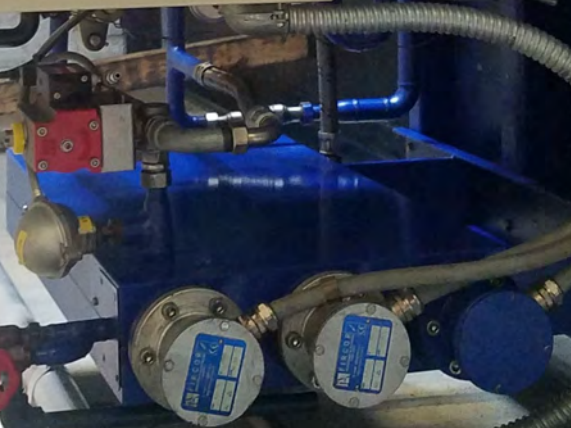




Alfa Laval



480 VOLT  
3000 RPM  
MOTOR 3hp Phl 4p  
ALFA LAVAL OIL PURIFIER  
A PHASE-7.4  
B PHASE-7.4  
C PHASE-7.8







MAIN SWITCH



**FORBIDDEN TO OPEN**  
to unauthorised  
THE OPENING OF THE PANEL IS ALLOWED  
TO THE ELECTRICIANS ONLY

ALPHA LAVAL OIL PURIFIER MOTOR 3hp Pnl. 4p

480 VOLT

AMPS

A PHASE=7.4

B PHASE=7.4

C PHASE=7.8



SEPARATOR  
MOTOR  
OVERLOAD



SEPARATOR  
RUNNING



LOW  
PRESSURE  
OIL



LOW  
FLOW



STOP  
SEPARATOR



START  
SEPARATOR



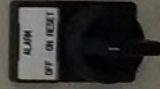
I HEATER  
SECTION



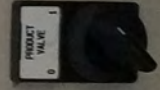
II HEATER  
SECTION



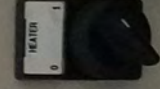
III HEATER  
SECTION



ALARM  
OFF ON RESET



PRODUCT  
VALVE  
0 1



HEATER  
0 1



TEMPERATURE  
CONTROLLER











Alfa Romeo

Laival

GMU-M  
MONZA - ITALY

Module type No. No. No. Job Year

SMAB103

SM992556

26615

6252

1999



**Alfa Laval**

STOP



**FORBIDDEN TO OPEN**  
to unauthorised  
THE OPENING OF THE PANEL IS ALLOWED  
TO THE ELECTRICIANS ONLY

ALPHA Laval PURIFIER MOTOR 3hp Pnl. 4p

480 VOLT

AMPS

A PHASE=7.4

B PHASE=7.4

C PHASE=7.8

STOP	START	STOP	START	STOP	START
STOP	START	STOP	START	STOP	START
STOP	START	STOP	START	STOP	START
STOP	START	STOP	START	STOP	START

TEMPERATURE CONTROLLER

1.6°C

2.0°C

2.4°C

2.8°C

3.2°C

3.6°C

4.0°C

4.4°C

4.8°C

5.2°C

5.6°C

6.0°C

6.4°C

6.8°C

7.2°C

7.6°C

8.0°C

8.4°C

8.8°C

9.2°C

9.6°C

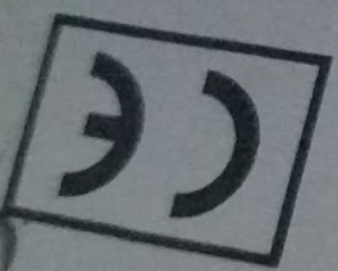
10.0°C







**PROJECT**  
**S.a.s.**  
CERNUSCO LOMBARDONE (LC) - Italy  
Tel. 039/990.84.96



SCHEMA N.  
Diagram N.

53550770

MATRICOLA  
Number

45/99

ANNO  
Year

1999

V nom.

480V

Hz

60

V  
aux

24-45







Temperature Controller



Oil Inlet Pump Start



Blower 1 Start



Filtration Pump Start



Oil Outlet Pump Start



Air Blower Start



Power Indicator



Oil Inlet Pump Stop



Blower 1 Stop



Filtration Pump Stop



Oil Outlet Pump Stop



Air Blower Stop



Emergency Button



Heater 1 On/Off



Oil - Heater 1 On



Heater 2 On/Off



Oil - Heater 2 On



ENGINE OIL RECYCLING SYSTEM  
SERIES LYE-1000  
MODEL LYE-1000 FLOW RATE 100 L/D  
POWER 220V 60Hz 3Ph HEATING POWER 4kW  
NET WEIGHT 3000kg TOTAL POWER 10kW  
WORKING PRESSURE < 0.4 MPa  
CHONGQING ZHONGJIE OIL RECYCLING  
MANUFACTURE CO., LTD



ENGINE OIL RECYCLING SYSTEM  
SERIES LYE-1000

MODEL: LYE-1000

FLOW RATE: 1000 L/D

POWER: 220V, 60Hz, 3Ph

HEATING POWER: 48KW

NET WEIGHT: 3000Kgs

TOTAL POWER: 58KW

WORKING PRESSURE:  $\leq 0.4$  Mpa



CHONGQING ZHONGNENG OIL PURIFIER  
MANUFACTURE CO., LTD





PERFORM  
6000

offend

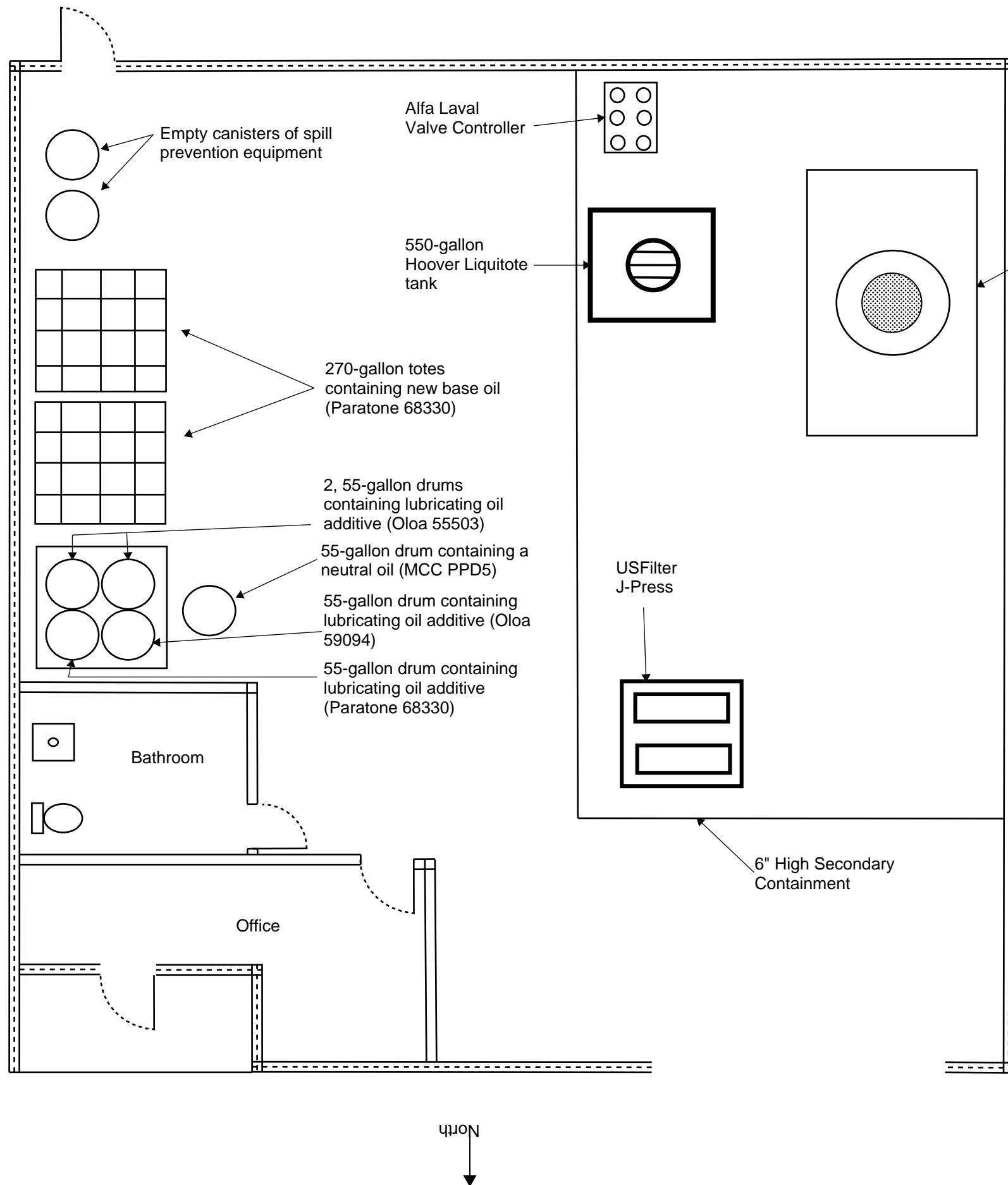






## Appendix B





Shawn M. Conn PE  
FL License# 76203

US Lubricant LLC 7855 W. 2nd Court Hialeah, FL 33014	<div>CEC</div> Civil • Environmental • Construction <a href="http://www.CECconsultingcorp.com">www.CECconsultingcorp.com</a>	(786) 525.4067 123 SE 3rd Ave Suite 257 Miami, FL 33131
<b>Floor Plan</b>		