



4. ENGINE OIL- SAE 5W30

COST PER GALLON: \$ 6.89 X10,000 GALLONS= \$ 6,890.00 *sb* *CS*  
*68,900.00*

GRAND TOTAL COST (ITEMS 1 THRU 4): \$ 150,190.00  
*sb* *CS* *212,200.00*

TO BE DELIVERED WITHIN 1 CALENDAR DAYS AFTER RECEIPT OF AWARD AND PURCHASE ORDER.

Quoters should carefully read all the terms and conditions of the specifications. Any representation of deviation or modification to the quote may be grounds to reject the quote.

Are there any modifications to the quote or specifications?

Yes \_\_\_\_\_ No  \_\_\_\_\_

Failure to clearly identify any modifications in the space below or on a separate page may be grounds for the quoter being declared nonresponsive or to have the award of the quote rescinded by the County.

MODIFICATIONS:

Quoter shall submit his/her quote on the County's Proposal Quote Form, including the firm name and authorized signature. Any blank spaces on the Proposal Quote Form, qualifying notes or exceptions, counter offers, lack of required submittals, or signatures, on County's Form may result in the Quoter/Quote being declared non-responsive by the County.

ANTI-COLLUSION STATEMENT

THE BELOW SIGNED QUOTER HAS NOT DIVULGED TO, DISCUSSED OR COMPARED HIS QUOTE WITH OTHER QUOTERS AND HAS NOT COLLUDED WITH ANY OTHER QUOTER OR PARTIES TO A QUOTE WHATSOEVER. NOTE; NO PREMIUMS, REBATES OR GRATUITIES TO ANY EMPLOYEE OR AGENT ARE PERMITTED EITHER WITH, PRIOR TO, OR AFTER ANY DELIVERY OF MATERIALS. ANY SUCH VIOLATION WILL RESULT IN THE CANCELLATION AND/OR RETURN OF MATERIALS (AS APPLICABLE) AND THE REMOVAL FROM THE MASTER BIDDERS LIST.

FIRM NAME: Palmdale Oil Company

BY (Printed): Lachlan Cheatham

BY (Signature): L Cheatham

TITLE: President

FEDERAL ID # OR S.S. # 59-2358666

ADDRESS: 2901 Royal Palm Ave

Pt. Myers, FL 33901

PHONE NO.: 239-226-4080

FAX NO.: 239-226-4081

CELLULAR PHONE/PAGER NO.: 239-229-0830

DUNS#: N/A

LEE COUNTY LOCAL BUSINESS TAX ACCOUNT NUMBER: 200656014

E-MAIL ADDRESS: lach@palmdaleoil.com

REVISED: 5/3/11

AFFIDAVIT CERTIFICATION  
IMMIGRATION LAWS

SOLICITATION NO.: IW110485 PROJECT NAME: Bulk Lubricants

LEE COUNTY WILL NOT INTENTIONALLY AWARD COUNTY CONTRACTS TO ANY CONTRACTOR WHO KNOWINGLY EMPLOYS UNAUTHORIZED ALIEN WORKERS, CONSTITUTING A VIOLATION OF THE EMPLOYMENT PROVISIONS CONTAINED IN 8 U.S.C. SECTION 1324 a(e) {SECTION 274A(e) OF THE IMMIGRATION AND NATIONALITY ACT ("INA").

LEE COUNTY MAY CONSIDER THE EMPLOYMENT BY ANY CONTRACTOR OF UNAUTHORIZED ALIENS A VIOLATION OF SECTION 274A(e) OF THE INA. SUCH VIOLATION BY THE RECIPIENT OF THE EMPLOYMENT PROVISIONS CONTAINED IN SECTION 274A(e) OF THE INA SHALL BE GROUNDS FOR UNILATERAL CANCELLATION OF THE CONTRACT BY LEE COUNTY.

BIDDER ATTESTS THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: Palmdale Oil Company  
[Signature] Pres. 11/21/2011  
Signature Title Date

STATE OF Florida  
COUNTY OF St Lucie

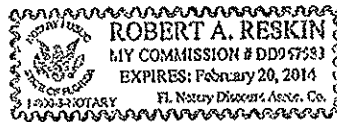
The foregoing instrument was signed and acknowledged before me this 2<sup>nd</sup> day of November, 2011, by Cochran Chestham who has produced

(Print or Type Name)  
Driver License as identification.  
(Type of Identification and Number)

[Signature]  
Notary Public Signature

Robert A. Reskin  
Printed Name of Notary Public

DD947583 / 2/20/14  
Notary Commission Number/Expiration



The signee of this Affidavit guarantees, as evidenced by the sworn affidavit required herein, the truth and accuracy of this affidavit to interrogatories hereinafter made. LEE COUNTY RESERVES THE RIGHT TO REQUEST SUPPORTING DOCUMENTATION, AS EVIDENCE OF SERVICES PROVIDED, AT ANY TIME.

## TOTAL Lubricants Product Warranty

---

If any damage results to equipment parts directly caused by a deficiency in TOTAL lubricant products, TOTAL Lubricants USA Southwest, LLC will pay for the repair of said parts provided the equipment is used under normal operating conditions and strictly maintained according to the equipment manufacturer's recommendations.

Buyer shall notify TOTAL Lubricants USA Southwest, LLC immediately following detection of any potential defect in the quality of any TOTAL lubricant product sold by TOTAL Lubricants USA Southwest, LLC to buyer for this warranty to be enforceable.

This warranty only applies to products sold under the TOTAL trademark.

**Alan Denniston**


Alan Denniston  
VP Product Management

[Print This Page](#)

---

**FINA LUBRICANTS - *"Keep Things Moving"***

**Product Ordering and Technical Assistance : 1-800-442-LUBE (5823)**

 [Contact us via Email](#)

Copyright © 2010, TOTAL Lubricants USA Southwest, LLC, All Rights Reserved.

## Lubricant Product Warranty Introduction

---

TOTAL Lubricants USA Southwest, LLC is committed to maintaining only the highest product quality standards in order to assure product consistency and uniformity. Nothing less than this standard is acceptable.

Quality control standards cannot remain static to be effective. This is why the FINA lubricants quality control program is continually being evaluated and improved. TOTAL Lubricants USA Southwest, LLC has a quality control program of sample retains at each of our blending facilities to positively ensure consistency.

We know that quality assurance goes beyond the blending plant. As a result, all FINA lubricants containers (even quarts) have identifiable batch numbers. This allows field inquiries to be traced back to the original laboratory quality control approval and batch retain sample. In addition, batch retain samples are inventoried for two years. This information allows us to address product quality inquiries promptly and with certainty.

As active participants in various technical associations, such as API, SAE, ASTM and NLGI, TOTAL Lubricants USA Southwest, LLC promotes product quality and responsibility throughout the lubricants industry. We strongly support the aftermarket monitoring efforts of these organizations and are working toward more restrictive quality controls on lubricants in the marketplace.

TOTAL Lubricants USA Southwest, LLC considers it a privilege to serve our customers to their satisfaction. Consistent product quality is just one area evidencing our commitment to customer service and product excellence. To demonstrate that commitment, we offer one of the strongest product warranties in the lubricants industry.

At TOTAL Lubricants USA Southwest, LLC, we stand behind our products.

[Click here to view FINA Product Warranty.](#)


[Click here to view TOTAL Product Warranty.](#)

[Print This Page](#)

---

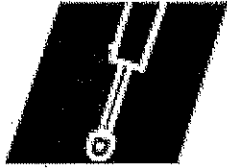
## FINA LUBRICANTS - *"Keep Things Moving"*

**Product Ordering and Technical Assistance : 1-800-442-LUBE (5823)**

 [Contact us via Email](#)

Copyright © 2010, TOTAL Lubricants USA Southwest, LLC, All Rights Reserved.

# AZOLLA ZS



LUBRICATION



TOTAL

## High viscosity index anti-wear hydraulic oil

### APPLICATIONS

Hydraulic systems.

- **AZOLLA ZS** oils are premium anti-wear hydraulic fluids and lubricants. They meet or exceed the requirements of the leading manufacturers of hydraulic equipment and are available in a wide range of viscosities from ISO 22 to ISO 150.
- **AZOLLA ZS** oils have been specifically designed to be used in all types of hydraulic pumps and motors that require the use of anti-wear hydraulic oils. The appropriate viscosity grade will provide excellent service in plain and anti-friction bearings and moderate service in gear reducers.

### SPECIFICATIONS

International specifications

- AFNOR E48603 CATEGORY HM
- CINCINNATI MACHINE P68, P69, P70
- DENISON HF-0, HF-1, HF-2
- DIN 51524 PART 2 CATEGORY HLP
- ISO 6743/4 CATEGORY L-HM
- VICKERS I-286-S, M-2950-S

### ADVANTAGES

Long equipment life and high operating reliability.

- High resistance to oxidation and thermal degradation.
- Excellent anti-wear properties.
- Inert towards metals (non-staining and no corrosive wear).
- Good compatibility with elastomers and seals.
- Excellent water-oil separation properties.
- Excellent anti-foaming, anti-corrosion, and anti-oxidation properties.

### CHARACTERISTICS

#### TYPICAL CHARACTERISTICS--AZOLLA ZS

	22	32	46	68	100	150
Viscosity at 40°C, cSt (ASTM D 445)	22.0	32.0	46.0	68.0	100.0	150.0
Viscosity at 100°C, cSt (ASTM D 445)	4.2	5.3	6.2	8.7	11.1	14.2
Viscosity Index (ASTM D 2270)	> 95	> 95	> 95	> 95	> 95	> 95
Density @ 60°F, lbs./gal.	7.19	7.24	7.28	7.30	7.35	7.38
Specific Gravity @ 60/60°F	0.861	0.867	0.872	0.874	0.881	0.884
Pour Point, °F (°C) (ASTM D 97)	-20 (-29)	-20 (-29)	-20 (-29)	-15 (-26)	0 (-18)	0 (-18)
Flash Point, COC, °F (°C) (ASTM D 92)	400 (204)	405 (207)	410 (210)	430 (221)	475 (226)	485 (252)
Copper Strip Corrosion (ASTM D 130)	1A	1A	1A	1A	1A	1A
4 Ball Wear Test, mm (ASTM D 2266) (75°C, 40kg, 1 hr @ 1200rpm)	0.45	0.45	0.45	0.45	0.45	0.45
Oxidation Test (ASTM D 943)	3000	3000	2800	2500	2000	1500

**TOTAL Lubricants USA Southwest**

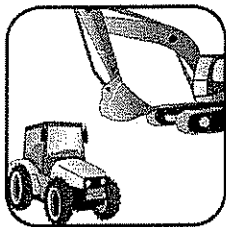
400 Chisholm Place, Suite 418,  
Plano, Texas 75075  
800-442-5823 or 469-241-0950  
www.finalube.com

**AZOLLA ZS**  
Sheet updated: 7/2009

**TOTAL Lubricants USA, Inc.**

5 North Stiles Street  
Linden, NJ 07036  
908.862.9300 or 800.525.4127  
www.total-usa.com

TOTAL Lubricants USA with a policy of continuous improvement, reserves the right to change specifications as our technology progresses. We are not responsible for the misuse and/or misapplication of our products. MSDS are found on our web sites.



# DYNATRANS MP



**TOTAL**

*Lubricant for transmission systems, hydraulic circuits and oil-bath disc brakes fitted to agricultural tractors, construction machinery and handling systems.*

## APPLICATIONS

- |  |  |
|--|--|
| <p><b>Transmission systems</b></p> <p><b>Hydraulics</b></p> <p><b>Submerged brakes</b></p> | <ul style="list-style-type: none"> <li>• Lubrication of mechanical transmission systems requiring a GL4 product.</li> <li>• Lubrication of automatic transmission systems, torque converters and hydrostatic transmissions.</li> <li>• Lubrication of power take-offs.</li> <li>• Application to all hydraulic circuits.</li> <li>• Lubrication of power-assisted steering systems.</li> <li>• Lubrication of wet brakes with cellulose liners.</li> </ul> |
|--|--|

## PERFORMANCES

- |   |   |
|---|---|
| <p><b>Classifications</b></p> <p><b>Meets manufacturers' specifications</b></p> | <p>API GL-4</p> <p>JOHN DEERE JDM J 20A / J20C<br/>         FORD M2C 134D / FHNA 2C 201.00<br/>         CASE MS 1206 / 1207</p> |
|---|---|

## CUSTOMER BENEFITS

- |  |   |
|--|---|
| <p><b>Wide range of applications</b></p> <p><b>Long component life</b></p> | <ul style="list-style-type: none"> <li>• Equally suitable for agricultural machinery and for construction machinery, meaning fewer lubricants need be stocked.</li> <li>• Excellent low temperature performance (protects friction discs against any risk of binding).</li> </ul> |
|--|---|

## SPECIFICATIONS

DYNATRANS MP	Units	
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	63
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	10.8
Viscosity number		153
Pour point	°C	-33

*The values of the specifications shown in this table are given as an indication only.*

**TOTAL Lubricants USA Southwest**  
 400 Chisholm Place, Suite 418,  
 Plano, Texas 75075  
 800-442-5823 or 469-241-0950  
 www.finalube.com

**DYNATRANS MP**  
 Sheet updated : 07/2009  
 International Product Data Sheet

**TOTAL Lubricants USA, Inc**  
 5 North Stiles Street  
 Linden, New Jersey 07036  
 800-526-4127 or 908-862-9300  
 www.total-us.com.



# RUBIA TIR 7900, SAE 15W-40



**DIESEL  
ENGINES**



**TOTAL**

High performance heavy-duty diesel engine oil, API CJ-4 /SM

## APPLICATIONS

All types of service

- Developed for the newest (post 2007) low emission diesel engines with after-treatment systems using low sulfur or ultra-low sulfur diesel fuel.
- Formulated to meet the most severe servicing conditions for both on and off-highway diesel powered equipment. Recommended for transportation and off-highway equipment such as long- and short-haul delivery trucks, farm tractors, construction equipment, etc.

## PERFORMANCE

Specifications

- API CJ-4/SM (API CJ-4, CI-4 Plus, CI-4, CH-4, CG-4, CF/SM)
- ACEA E7/E9

OEMs approvals

Cummins CES 20081; Detroit Diesel 93K218; DDC series 2000 & 4000; Mack EO-O Premium Plus 07 ; MAN 3275 ; Mercedes Benz-Approval 228.31; Renault trucks RLD-3 and Volvo VDS-4.  
Meets the requirements of Caterpillar ECF-3

## CUSTOMER BENEFITS

Increased drain intervals

- Its high performance level allows longer drains intervals over prior API categories for heavy duty diesel engine oil.

High technical performance

- Exceptional anti-wear and anticorrosion properties
- Good efficiency against bore polishing
- Excellent viscosity stability in operation
- High detergency and excellent soot dispersion

## CHARACTERISTICS

TYPICAL CHARACTERISTICS--RUBIA TIR 7900 SAE 15W-40			
Specific gravity	0.874	Pour point, °F (°C) (ASTM D 97)	-29 (-34)
Viscosity @ 40°C, cSt (ASTM D 445)	118	Flash point °F (°C) (ASTM D 92)	424 (218)
Viscosity @ 100°C, cSt (ASTM D 445)	15.0	Phosphorus (ppm)	< 1200
Viscosity Index (ASTM D 2270)	132	Ash, wt% (ASTM D 874)	1.0
TBN (ASTM D 2896)	10	Sulfur	< 0.4
Cold crank, cps @ -20°C (ASTM D 5293)	< 7000		

**TOTAL Lubricants USA Southwest**

**TOTAL Lubricants USA, Inc.**

400 Chisholm Place, Suite 418,  
Plano, Texas 75075  
800-442-5823 or 469-241-0950  
www.finalube.com

**Rubia TIR 7900 15W-40**  
Sheet updated: 8/2009

5 North Stiles Street  
Linden, NJ 07036  
908.862.9300 or 800.526.4127  
www.total-us.com

TOTAL Lubricants USA with a policy of continuous improvement, reserves the right to change specifications as our technology progresses.  
We are not responsible for the misuse and/or misapplication of our products. MSDS are found on our web sites.

# CLASSIC SM-GF4 OILS



## SAE 5W-20, 5W-30 & 10W-30



TOTAL

Passenger car motor oil with API SM/GF-4 credentials

### APPLICATIONS

All types of service

- **CLASSIC SM-GF4** multi-grade oils are designed to meet lubrication requirements of today's naturally aspirated, turbo-charged and super-charged gasoline fueled engines.
- **CLASSIC SM-GF4** multi-grade oils are formulated to provide excellent oxidation stability, low temperature flow properties and enhanced fuel economy. They also meet the low volatility requirements of ILSAC GF-4 for improved engine cleanliness and reduced oil consumption.

### PERFORMANCE

API SM  
ILSAC GF-4

### CUSTOMER BENEFITS

Increased drain intervals

High technical performance

- Its higher performance level allows longer drain intervals with fuel economy. Most US car manufacturers recommend 5,000 to 7,000 mile drain intervals in these fuel economy multi-grade oils.
- Enhanced detergents, dispersants, anti-oxidants, anti-wear and corrosion prevention properties improve the fluid performance under all types of service.
- Excellent low temperature flow properties ensuring easy cold starts. Engine components are lubricated quickly giving longer life.

### CHARACTERISTICS

PROPERTY	5W-20	5W-30	10W-30
Specific gravity @ 60/60°F	0.865	0.864	0.867
Viscosity, cSt @ 100°C (ASTM D 445)	8.1	10.65	10.50
Viscosity, cSt @ 40°C (ASTM D 445)	49	66	62
Viscosity Index (ASTM D 2270)	140+	150+	150+
Cold crank simulator, cp @ (ASTM D 5293)	5500@ -30°C	6000@ -30°C	6100@ -25°C
Pour Point, °F (°C) (ASTM D 97)	-33 (-36)	-33 (-36)	-22 (-30)
NOACK, ( 15 wt% max loss)	Pass	Pass	Pass

TOTAL Lubricants USA Southwest

TOTAL Lubricants USA, Inc.

400 Chisholm Place, Suite 418  
Plano, Texas 75075  
800-442-5823 or 469-241-0950  
[www.finalube.com](http://www.finalube.com)

Classic SM-GF4 Oils  
Sheet updated: 05/2009  
Label reference: --

5 North Stiles Street  
Linden, New Jersey 07036  
800-526-4127 or 908-862-9300  
[www.total-us.com](http://www.total-us.com)

MATERIAL SAFETY DATA SHEET FOR CLASSIC SM-GF4 OILS (All fuel economy grades)

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE

DATE ISSUED

IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME: TOTAL CLASSIC SM-GF4 (all grades)  
(5W-20, 5W-30 and 10W-30)  
PRODUCT #: 1-11460, 1-11461, 1-11462  
CHEMICAL NAME: N/A - Mixture  
CAS #'S: Mixture  
PRODUCT APPEARANCE AND ODOR: Viscous liquid, petroleum odor  
CHEMICAL FAMILY: N/A  
SYNONYMS: Engine Oil  
EMERGENCY TELEPHONE: 1-800-442-5823 or 1-908-862-9300

COMPONENTS AND HAZARD INFORMATION

COMPONENTS: W/W HAZARD DATA (TLV, LD50, LC50, ETC.):  
Petroleum based lubricating oil 5 mg/m3 TWA (OSHA, ACGIH)  
CAS# 64742-54-7, 64742-65-0, (as an oil mist)  
64741-89-5, 64741-88-4\*

\* Paraffinic base oil used are not limited to but include these CAS numbers.

Additives, non-hazardous n/e

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):  
Health 1 Flammability 1 Reactivity 0

TRANSPORTATION INFORMATION

TRANSPORTATION/SHIPPING INFORMATION:

Department of Transportation (DOT): Not regulated

EMERGENCY FIRST AID

EYE CONTACT:

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT:

In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water.

INHALATION:

Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen if available. If overexposure to oil mist, remove from further exposure until excessive oil mist condition subsides.

INGESTION:

If ingested, do not induce vomiting. Call a physician immediately.

MATERIAL SAFETY DATA SHEET FOR CLASSIC SM-GF4 OILS (All fuel economy grades)

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE

DATE ISSUED

-----  
FIRE AND EXPLOSION HAZARD INFORMATION  
-----

FLASH POINT (MINIMUM): >204°C (>400°F) Test method: COC  
AUTOIGNITION TEMPERATURE: N/E

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - HAZARD IDENTIFICATION:  
Health 1      Flammability 1      Reactivity 0

FLAMMABLE OR EXPLOSIVE LIMITS (approximate percent by volume in air):  
Estimated values: lower N/E      upper N/E

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES:

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type product, depending on size or potential size of fire and circumstances related to the situation. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water froth may be used to flush spills away from exposure. Minimize breathing gases, vapor, fumes, or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

n/a

"EMPTY" CONTAINER WARNING:

Empty containers retain residue (liquid or vapor) and can be dangerous. DO NOT PRESSURIZE, WELD, CUT BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged, and returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with government regulations.

-----  
HEALTH AND HAZARD INFORMATION  
-----

EXPOSURE LIMIT FOR TOTAL PRODUCT: Monitor data listed in the Components and Hazard Information section.

VARIABILITY AMONG INDIVIDUALS:

Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which vary from person to person. As a precaution, exposure to liquids, vapors, mists, or fumes should be minimized.

EFFECTS OF OVEREXPOSURE (Signs and symptoms of exposure):

Prolonged or repeated skin contact with this product tends to remove skin oils possibly leading to irritation and dermatitis.  
Product contacting the eye may cause irritation.  
Product has a low order of oral and dermal toxicity.  
Possible aspiration hazard.  
Induced vomiting may cause aspiration of product into the lungs.  
(See Emergency First Aid Section).

-----  
PHYSICAL DATA  
-----

The following data are approximate or typical values and should not be used for precise design purposes.

MATERIAL SAFETY DATA SHEET FOR CLASSIC SM-GF4 OILS (All fuel economy grades)

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE

DATE ISSUED

BOILING RANGE:  
Not available

VAPOR PRESSURE:  
< 0.1 mmHg @ 20°C

SPECIFIC GRAVITY (25°C/25°C):  
(WATER = 1)  
< 1.0

VAPOR DENSITY (AIR = 1):  
> 5

MOLECULAR WEIGHT:  
Wide range

PERCENT VOLATILE BY VOLUME:  
Negligible

EVAPORATION RATE @ 1 ATM. AND 25°C  
(77°F) (n-BUTYL ACETATE = 1):  
Not available

SOLUBILITY IN WATER @ 1 ATM. and 25°C  
(77°F):  
Nil

-----  
REACTIVITY  
-----

This product is stable and will NOT react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite, etc., as this represents an explosion hazard.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:  
Fumes, smoke, carbon monoxide, and other decomposition products, in case of incomplete combustion.

CONDITIONS TO AVOID:  
Open flames.

-----  
TOXICITY  
-----

ORAL (Acute)	N/E
DERMAL (Acute)	N/E
EYE	N/E
INHALATION (Acute)	N/E
CHRONIC, SUBCHRONIC, ETC.	N/E

Medical Conditions Aggravated by Exposure: Unknown

This product does NOT contain any ingredients identified as carcinogenic by IARC, NTP, or OSHA.

All components known to be contained in this product are on the TSCA inventory or are exempt.

SARA Section 313 Status: This material is not known to contain any chemicals on the SARA Section 313 list at a concentration greater than 1.0 percent or carcinogenic chemical on that list at a concentration greater than 0.1 percent.

-----  
SPILL OR LEAK PROCEDURES  
-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Keep product out of sewers and watercourses by diking or impounding. Absorb with sand or inert material. Sweep or scoop up and remove. Prevent spread of spill. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with local regulations.

WASTE DISPOSAL METHOD: (Consult federal, state, or local authorities for proper disposal procedures.) Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste site or facility.



MATERIAL SAFETY DATA SHEET FOR RUBIA TIR 7900 SAE 15W-40

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME:  
RUBIA TIR 7900 SAE 15W-40

PRODUCT #:  
1-11757

CHEMICAL NAME:  
N/A - Mixture

CAS #'S:  
Mixture

PRODUCT APPEARANCE AND ODOR:  
Dark liquid, petroleum odor

CHEMICAL FAMILY:  
N/A - mixture

SYNONYMS:  
Heavy Duty Diesel Lubricant

EMERGENCY TELEPHONE:  
1-800-442-5823 or 1-908-862-9300

COMPONENTS AND HAZARD INFORMATION

COMPONENTS:

W/W HAZARD DATA (TLV, LD50, LC50, ETC.):

Petroleum based lubricating oil  
CAS# 64742-54-7, 64742-65-0,  
64741-89-5, 64741-88-4\*

5 mg/m3 TWA (OSHA, ACGIH)  
(as an oil mist)

\* Paraffinic base oil used are not limited to but include these CAS numbers.

Non-hazardous additive packages n/e  
CAS# n/a

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):

Health	Flammability	Reactivity
1	1	0

TRANSPORTATION INFORMATION

TRANSPORTATION/SHIPPING INFORMATION:

Department of Transportation (DOT): Not regulated

EMERGENCY FIRST AID

EYE CONTACT:

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT:

In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water.

INHALATION:

For effects produced by overexposure, remove to fresh air. If effects persist, obtain medical advice.

INGESTION:

If ingested, call a physician immediately. Possible aspiration hazard.

MATERIAL SAFETY DATA SHEET FOR RUBIA TIR 7900 SAE 15W-40

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

-----  
FIRE AND EXPLOSION HAZARD INFORMATION  
-----

FLASH POINT (MINIMUM): > 350°F Test method: COC  
AUTOIGNITION TEMPERATURE: N/E

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - HAZARD IDENTIFICATION:  
Health            Flammability    Reactivity  
    1                      1                      0

FLAMMABLE OR EXPLOSIVE LIMITS (approximate percent by volume in air):  
Estimated values: lower n/e                      upper n/e

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES:

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's "Fire Protection Guide on Hazardous Materials", Eighth Edition (1984):

Use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water froth may be used to flush spills away from exposure. Minimize breathing gases, vapor, fumes, or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
n/a

"EMPTY" CONTAINER WARNING:

Empty containers retain residue (liquid or vapor) and can be dangerous. DO NOT PRESSURIZE, WELD, CUT BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged, and returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with government regulations. For work on tanks refer to Occupational Safety and Health Administration regulations, ANSI Z49.1, and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

-----  
HEALTH AND HAZARD INFORMATION  
-----

EXPOSURE LIMIT FOR TOTAL PRODUCT: N/E

VARIABILITY AMONG INDIVIDUALS:

Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which vary from person to person. As a precaution, exposure to liquids, vapors, mists, or fumes should be minimized.

EFFECTS OF OVEREXPOSURE (Signs and symptoms of exposure):

SKIN:

Prolong or repeated skin contact may cause mild irritation.

EYES:

Product contacting the eye may cause irritation.

INHALATION:

Excessive concentrations of vapors or mists may cause irritation.



MATERIAL SAFETY DATA SHEET FOR RUBIA TIR 7900 SAE 15W-40

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

-----  
PHYSICAL DATA  
-----

The following data are approximate or typical values and should not be used for precise design purposes.

BOILING RANGE:  
Not available

VAPOR PRESSURE:  
Not available

SPECIFIC GRAVITY (25°C/25°C):  
(WATER = 1)  
< 1.0

VAPOR DENSITY (AIR = 1):  
> 5

MOLECULAR WEIGHT:  
Wide range

PERCENT VOLATILE BY VOLUME:  
Not calculated

EVAPORATION RATE @ 1 ATM. AND 25°C  
(77°F) (n-BUTYL ACETATE = 1):  
Not available

SOLUBILITY IN WATER @ 1 ATM. and 25°C  
(77°F): Negligible

-----  
REACTIVITY  
-----

This product is stable and will NOT react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite, etc., as this represents a serious explosion hazard.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:

Fumes, smoke, carbon monoxide, oxides of sulfur, and other decomposition products, in case of incomplete combustion.

CONDITIONS TO AVOID:  
Open flames.

-----  
TOXICITY  
-----

ORAL (Acute) N/E  
DERMAL (Acute) N/E  
EYE N/E  
INHALATION (Acute) N/E  
CHRONIC, SUBCHRONIC, ETC. N/E

Medical Conditions Aggravated by Exposure: Unknown

This product does NOT contain any ingredients identified as carcinogenic by IARC, NTP, or OSHA.

All components known to be contained in this product are on the TSCA inventory or are exempt.

SARA Section 313 Status: This material is not known to contain any chemicals on the SARA Section 313 list at a concentration greater than 1.0 percent or carcinogenic chemical on that list at a concentration greater than 0.1 percent.

-----  
SPILL OR LEAK PROCEDURES  
-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Keep product out of sewers and watercourses by diking or impounding. Absorb with sand or inert material. Sweep or scoop up and remove. Prevent spread of spill. Advise

MATERIAL SAFETY DATA SHEET FOR RUBIA TIR 7900 SAE 15W-40

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with local regulations.

WASTE DISPOSAL METHOD: (Consult federal, state, or local authorities for proper disposal procedures.)  
Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste site or facility.

-----  
PROTECTION AND PRECAUTIONS  
-----

VENTILATION: (Always maintain below permissible exposure limits.)  
Use local exhaust to capture vapor, mist or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air.

RESPIRATORY PROTECTION: (Use only NIOSH approved equipment.)  
Normally not needed at ambient temperatures. Use supplied air respiratory protection in confined or enclosed spaces, if needed. Use filter, dust, fume, or mist respirator type under misting conditions. Use can or cartridge; gas or vapor respirator type under conditions exceeding TWA standard.

PROTECTIVE GLOVES:  
Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION:  
Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT:  
Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK PRACTICES/ENGINEERING CONTROLS:  
Keep containers closed when not in use. Do not handle near heat, sparks, flame or strong oxidants.

PERSONAL HYGIENE:  
Minimize breathing vapor, mist, or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

-----  
PREPARED BY: Alan Denniston VP PRODUCT MANAGEMENT  
-----

THE ABOVE INFORMATION IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SINCE DATA, SAFETY STANDARDS, AND GOVERNMENT REGULATIONS ARE SUBJECT TO CHANGE AND THE CONDITIONS OF HANDLING AND USE, OR MISUSE BEYOND OUR CONTROL, SELLER MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. USER SHOULD SATISFY HIMSELF THAT HE HAS ALL CURRENT DATA RELEVANT TO HIS PARTICULAR USE.

MATERIAL SAFETY DATA SHEET FOR DYNATRANS MP

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME: DYNATRANS MP  
PRODUCT #: 1-14100  
CHEMICAL NAME: Petroleum-based lubricating oil  
CAS #'S: Mixture  
PRODUCT APPEARANCE AND ODOR: Amber liquid, petroleum odor  
CHEMICAL FAMILY: Petroleum hydrocarbon  
SYNONYMS: Petroleum-based tractor oil  
EMERGENCY TELEPHONE: 1-800-442-5823 or 1-908-862-9300

COMPONENTS AND HAZARD INFORMATION

COMPONENTS:	W/W	HAZARD DATA (TLV, LD50, LC50, ETC.):
Petroleum based lubricating oil		5 mg/m3 TWA (OSHA, ACGIH)
CAS# 64742-54-7, 64742-65-0,		(as an oil mist)
64741-89-5, 64741-88-4*		

\* Paraffinic base oil used are not limited to but include these CAS numbers.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):

Health	Flammability	Reactivity
1	1	0

TRANSPORTATION INFORMATION

TRANSPORTATION/SHIPPING INFORMATION:

Department of Transportation (DOT): Not regulated

EMERGENCY FIRST AID

EYE CONTACT:

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT:

As with all petroleum products, if this product contacts skin, wash affected area thoroughly with soap and water to prevent irritations from occurring. Oil soaked clothing should be removed and laundered frequently to minimize skin contact with product. Prolonged contact with skin may cause irritation.

INHALATION:

Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen if available. If overexposure to oil mist, remove from further exposure until excessive oil mist condition subsides.

INGESTION:

If ingested, do not induce vomiting. Call a physician immediately.



MATERIAL SAFETY DATA SHEET FOR DYNATRANS MP

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

-----  
PHYSICAL DATA  
-----

The following data are approximate or typical values and should not be used for precise design purposes.

BOILING RANGE:  
Wide range

VAPOR PRESSURE:  
< 0.1 @ 38°C/100°F

SPECIFIC GRAVITY (25°C/25°C):  
(WATER = 1)  
< 1.0

VAPOR DENSITY (AIR = 1):  
> 8

MOLECULAR WEIGHT:  
Wide range

PERCENT VOLATILE BY VOLUME:  
Negligible

EVAPORATION RATE @ 1 ATM. AND 25°C  
(77°F) (n-BUTYL ACETATE = 1):  
< 1.0

SOLUBILITY IN WATER @ 1 ATM. and 25°C  
(77°F):  
Negligible

POUR, CONGEALING OR MELTING POINT:  
n/e

FREEZING POINT:  
n/e

-----  
REACTIVITY  
-----

This product is stable and will NOT react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:

Fumes, smoke, carbon monoxide and other decomposition products, in case of incomplete combustion.

CONDITIONS TO AVOID:  
Open flames.

-----  
TOXICITY  
-----

ORAL (Acute) N/E  
DERMAL (Acute) N/E  
EYE N/E  
INHALATION (Acute) N/E

CHRONIC, SUBCHRONIC, ETC. N/E

Medical Conditions Aggravated by Exposure: Unknown

This product does NOT contain any ingredients identified as carcinogenic by IARC, NTP, or OSHA.

SARA Section 313 Status: This material is not known to contain any chemicals on the SARA Section 313 list at a concentration greater than 1.0 percent or carcinogenic chemical on that list at a concentration greater than 0.1 percent.

MATERIAL SAFETY DATA SHEET FOR DYNATRANS MP

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

-----  
SPILL OR LEAK PROCEDURES  
-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Keep product out of sewers and watercourses by diking or impounding. Absorb with sand or inert material. Sweep or scoop up and remove. Prevent spread of spill. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with local regulations.

WASTE DISPOSAL METHOD: (Consult federal, state, or local authorities for proper disposal procedures.) Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste site or facility.

-----  
PROTECTION AND PRECAUTIONS  
-----

VENTILATION: (Always maintain below permissible exposure limits.)

Use local exhaust to capture vapor, mist or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking, or use of flame or other ignition source

RESPIRATORY PROTECTION: (Use only NIOSH approved equipment.)

Normally not needed at ambient temperatures. Use supplied air respiratory protection in confined or enclosed spaces, if needed. Use filter, dust, fume, or mist respirator type under misting conditions. Use can or cartridge; gas or vapor respirator type under conditions exceeding TWA standard.

PROTECTIVE GLOVES:

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION:

Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT:

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK PRACTICES/ENGINEERING CONTROLS:

Keep containers closed when not in use. Do not handle near heat, sparks, flame, or strong oxidants.

PERSONAL HYGIENE:

Minimize breathing vapor, mist, or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

-----  
PREPARED BY: Alan Denniston

VP PRODUCT MANAGEMENT  
-----

THE ABOVE INFORMATION IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SINCE DATA, SAFETY STANDARDS, AND GOVERNMENT REGULATIONS ARE SUBJECT TO CHANGE AND THE CONDITIONS OF HANDLING AND USE, OR MISUSE BEYOND OUR CONTROL, SELLER MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. USER SHOULD SATISFY HIMSELF THAT HE HAS ALL CURRENT DATA RELEVANT TO HIS PARTICULAR USE.

MATERIAL SAFETY DATA SHEET FOR AZOLLA ZS (All grades)

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME: AZOLLA ZS (ISO 32 to 150)      PRODUCT #: 1-15050; 1-15060 to 1-15064  
CHEMICAL NAME: N/A - Mixture      CAS #'S: Mixture  
PRODUCT APPEARANCE AND ODOR: Amber liquid, petroleum odor      CHEMICAL FAMILY: Petroleum hydrocarbon  
SYNONYMS: Petroleum-based AW hydraulic oil      EMERGENCY TELEPHONE: 1-800-442-5823 or 1-908-862-9300

COMPONENTS AND HAZARD INFORMATION

COMPONENTS:      W/W HAZARD DATA (TLV, LD50, LC50, ETC.):  
Petroleum based lubricating oil      5 mg/m3 TWA (OSHA, ACGIH)  
CAS# 64742-54-7, 64742-65-0,      (as an oil mist)  
64741-89-5, 64741-88-4\*

\* Paraffinic base oil used are not limited to but include these CAS numbers.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):

Health	Flammability	Reactivity
0	1	0

TRANSPORTATION INFORMATION

TRANSPORTATION/SHIPPING INFORMATION:

Department of Transportation (DOT): Not regulated

EMERGENCY FIRST AID

EYE CONTACT:

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT:

In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water.

INHALATION:

Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen if available. If overexposure to oil mist, remove from further exposure until excessive oil mist condition subsides.





MATERIAL SAFETY DATA SHEET FOR AZOLLA ZS (All grades)

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

EFFECTS OF OVEREXPOSURE (Signs and symptoms of exposure):  
Prolonged or repeated skin contact with this product tends to remove skin oils possibly leading to irritation and dermatitis.  
Product contacting the eye may cause irritation.  
Product has a low order of oral and dermal toxicity.  
Possible aspiration hazard.  
Induced vomiting may cause aspiration of product into the lungs.  
(See Emergency First Aid Section).

-----  
PHYSICAL DATA  
-----

The following data are approximate or typical values and should not be used for precise design purposes.

BOILING RANGE:  
Wide range

VAPOR PRESSURE:  
< 0.1 @ 38°C/100°F

SPECIFIC GRAVITY (25°C/25°C):  
(WATER = 1)  
< 1.0

VAPOR DENSITY (AIR = 1):  
> 8

MOLECULAR WEIGHT:  
Wide range

PERCENT VOLATILE BY VOLUME:  
Negligible

EVAPORATION RATE @ 1 ATM. AND 25°C  
(77°F) (n-BUTYL ACETATE = 1):  
< 1.0

SOLUBILITY IN WATER @ 1 ATM. and 25°C  
(77°F):  
Negligible

POUR, CONGEALING OR MELTING POINT:  
n/e

FREEZING POINT:  
n/e

-----  
REACTIVITY  
-----

This product is stable and will NOT react violently with water. Hazardous olymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite, etc., as this represents a serious explosion hazard.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:

Fumes, smoke, carbon monoxide, oxides of sulfur, and other decomposition products, in case of incomplete combustion.

CONDITIONS TO AVOID:

Open flames

-----  
TOXICITY  
-----

ORAL (Acute)	N/E
DERMAL (Acute)	N/E
EYE	N/E
INHALATION (Acute)	N/E
CHRONIC, SUBCHRONIC, ETC.	N/E

MATERIAL SAFETY DATA SHEET FOR AZOLLA ZS (All grades)

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

Medical Conditions Aggravated by Exposure: Unknown  
This product does NOT contain any ingredients identified as carcinogenic by IARC, NTP, or OSHA.  
SARA Section 313 Status: This material is not known to contain any chemicals on the SARA Section 313 list at a concentration greater than 1.0 percent or carcinogenic chemical on that list at a concentration greater than 0.1 percent.

-----  
SPILL OR LEAK PROCEDURES  
-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
Keep product out of sewers and watercourses by diking or impounding. Absorb with sand or inert material. Sweep or scoop up and remove. Prevent spread of spill. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with local regulations.

WASTE DISPOSAL METHOD: (Consult federal, state, or local authorities for proper disposal procedures.)  
Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste site or facility.

-----  
PROTECTION AND PRECAUTIONS  
-----

VENTILATION: (Always maintain below permissible exposure limits.)  
Use local exhaust to capture vapor, mist or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air.

RESPIRATORY PROTECTION: (Use only NIOSH approved equipment.)  
Normally not needed at ambient temperatures. Use supplied air respiratory protection in confined or enclosed spaces, if needed. Use filter, dust, fume, or mist respirator type under misting conditions. Use can or cartridge; gas or vapor respirator type under conditions exceeding TWA standard.

PROTECTIVE GLOVES:  
Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION:  
Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT:  
Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK PRACTICES/ENGINEERING CONTROLS:  
Keep containers closed when not in use. Do not handle near heat, sparks, flame or strong oxidants.

PERSONAL HYGIENE:  
Minimize breathing vapor, mist, or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

MATERIAL SAFETY DATA SHEET FOR AZOLLA ZS (All grades)

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

-----  
PREPARED BY: Alan Denniston

VP PRODUCT MANAGEMENT  
-----

THE ABOVE INFORMATION IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SINCE DATA, SAFETY STANDARDS, AND GOVERNMENT REGULATIONS ARE SUBJECT TO CHANGE AND THE CONDITIONS OF HANDLING AND USE, OR MISUSE BEYOND OUR CONTROL, SELLER MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. USER SHOULD SATISFY HIMSELF THAT HE HAS ALL CURRENT DATA RELEVANT TO HIS PARTICULAR USE.



### EMERGENCY RESPONSE

- With in 72 hours of an approaching storm it is important for the last orders to be into dispatch. It is important prior to the height of Hurricane season to have all generators “topped-off”. Don’t wait until the last minute.
- Palmdale Oil Company will prioritize all deliveries for Hospitals, Local Government, Federal Government, Power Companies, Law Enforcement, Contract Customers and “long time” Loyal Customers.
- Depending on the severity of the storm, Palmdale Oil Company will be on call as soon as the storm has passed. All storage tanks in our facilities will be topped of and employees will report back to their local terminal immediately.
- Palmdale Oil Company maintains back up generators so we can pump fuel and we have access to pull the fuel with our own trucks in the event there is a generator back-up problem.
- Palmdale Oil Company also recommends that customers sign up for our Hurricane Fuel Storage Program if room is available.

# Palmdale

## OIL COMPANY

### QUALITY ASSURANCE PROGRAM

All drivers are trained to:

- 1) Check all product labeling on tanks.
- 2) Stick all tanks before and after fueling.
- 3) Check product labels on truck to make sure they are pumping the correct product.
- 4) Check all connections for leaks.

They are also trained in spill prevention and carry spill kits on every truck. All drivers have a list of numbers to call in case of an emergency. Palmdale Oil conducts driver safety meetings every six months. Also, they all attend an 8 hour First Responder and Operations Course every 12 months put on by Cliff Berry.

2961 Royal Palm Avenue • Ft. Myers, FL 33901 • Office (239) 226-4080 • Fax (239) 226-4081

An independent franchisee of



[www.palmdaleoil.com](http://www.palmdaleoil.com)



## 2.3 Facilities Response Activities

All drivers are trained in-house and through their Hazmat certifications.

Drivers do the initial assessment and notifications.

- 1). Investigate the discharge to access the actual or potential threat to human health or environment.
  - Location of the discharge relative to bodies of water.
  - Quantity of spill
  - Poor weather conditions
  - Fire or explosion hazards
- 2). Request outside assistance from local emergency responders, as needed.
- 3). Evaluate the need to evacuate.
- 4). Notify the fire/police departments.
- 5). Notify immediately:
  - 911
  - Spill Response Manager
  - National Response Center
  - Response Contractor

Contacts are listed within this section and in appendice ii.

*Minor spills* are cleaned-up by our own personnel using spill kits and boom that is carried on board. Contaminated pads and boom are placed in properly labeled waste containers and brought back to our bulk plant facility for proper by our licensed waste hauler and First Responder Cliff Berry, Inc.

*Major Spills* are handled by our First Responder.

The First Responder (CBI) ensures that all contaminated materials classified as hazardous waste are disposed of in accordance with all applicable solid and hazardous waste regulations.

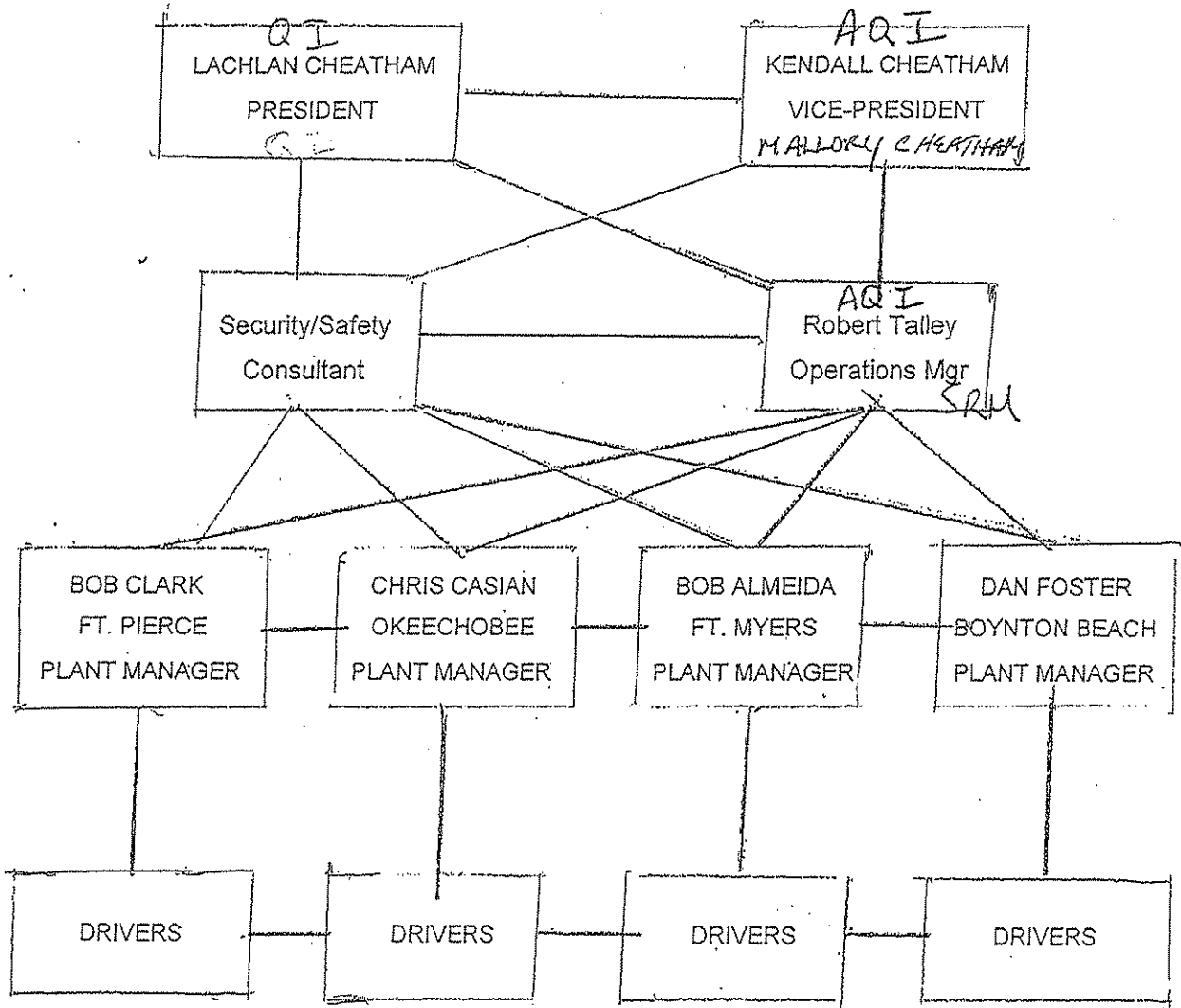
The Spill Response Manager ensures that the cleanup has been completed and that the contaminated area has been treated or mitigated according to the applicable regulations and state/federal cleanup action levels. The "SRM" collaborates with the local, state and federal authorities regarding the assessment of damages.

Upon termination of said spill the following actions is taken:

- 1). Ensure that all repairs to the defective equipment have been completed.
- 2). Review circumstances that led to the discharge and take all necessary precautions to prevent a recurrence.
- 3). Evaluate the effectiveness of the response activities and make adjustments as necessary to response procedures and personnel training.
- 4). Carry out personnel and contractor debriefings as necessary to emphasize prevention measures or to communicate changes in operations or response procedures.

The QI, Lach Cheatham and the AQI, Kendall Cheatham are able to sign checks and make decisions for the company.

PALMDALE OIL COMPANY  
SECURITY STRUCTURE



THE PLANT MANAGER ALSO ACTS AS COMMAND & CONTROL  
MANAGER, PUBLIC RELATIONS, SAFETY OFFICER, LIAISON, SPILL RESPONSE  
OPERATIONS, PLANNING, LOGISTICS SUPPORT, & FINANCE & ACCOUNTING!



Florida Department of  
Environmental Protection

Marjory Stoneman Douglas Building  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

June 17, 2010

Cliff Berry Inc.  
Attn: Mr. Cliff Berry  
P.O. Box 13079  
Ft. Lauderdale, FL 33316

RE: Renewal of Certificate for Discharge Cleanup Organization

Dear Mr. Berry:

You are currently listed as an Approved Discharge Cleanup Organization (DCO) for the State of Florida. We are extending the expiration date of your DCO Certificate to June 30, 2011. Please notify this office of any significant changes in your capabilities as a DCO, as well as, changes in addresses, phone numbers, or contacts.

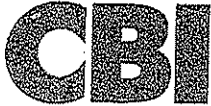
Retain a copy of this letter with your most current DCO certificate as evidence of your certification status. If you have any questions, or wish to provide updates, please contact Ms. Jessica Brattain at (850) 245-2872 or via email at [Jessica.Brattain@dep.state.fl.us](mailto:Jessica.Brattain@dep.state.fl.us). You may also contact your District Emergency Response Manager to address any questions or issues regarding this program.

Sincerely,

P. Wieczynski, Chief  
Bureau of Emergency Response

cc: District BER Managers





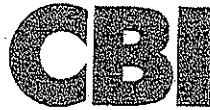
Cliff Berry, Incorporated  
Environmental Services

January 1<sup>st</sup> 2011

## **EMERGENCY RESPONSE AGREEMENT**

**24 HOUR EMERGENCY NUMBER**  
**1.800.899.7745**

By and Between



CLIFF BERRY, INCORPORATED  
P.O. BOX 13079  
PORT EVERGLADES STATION  
FT. LAUDERDALE, FL 33316  
954.763.3390 OFFICE  
954.764.0415 FAX

And

PALMDALE OIL COMPANY INC.  
911 NORTH 2<sup>ND</sup> STREET  
FT. PIERCE, FL 34950  
LACHLAN L. E. CHEATHAM

CUSTOMER NUMBER #: 31475

*THIS AGREEMENT AUTOMATICALLY RENEWS*

**CLIFF BERRY, INCORPORATED  
EMERGENCY RESPONSE SERVICES**

This agreement for Emergency Response Services (the "Agreement") is made this 1ST day of JANUARY, 2011 between Cliff Berry, Incorporated with its principal offices located at 851 Eller Drive, Ft. Lauderdale, FL 33316 and PALMDALE OIL COMPANY INC. (hereafter referred as the "Client") with its principal offices located at 911 North 2<sup>nd</sup> Street in Fort Pierce, FL 34950.

**RECITALS**

**WHEREAS** Cliff Berry, Incorporated has been awarded a contract to perform Emergency Response Services on an as-called basis for certain companies (hereinafter referred to as the "Client"); and whereas Cliff Berry, Incorporated shall be hereinafter referred to as CBI.

**WHEREAS** CBI represents that it is capable of providing additional Emergency Response resources to "Client" which services include, but may not be limited to, Emergency Response Services reasonably required to mitigate oil, chemical and other hazardous or non-hazardous substances released into the environment on an as-called basis, twenty-four (24) hours per day, seven (7) days per week; and

**WHEREAS** CBI wishes to establish in advance the terms and procedures whereby the "Client" may, from time to time, contract Emergency Response Services under the Prime Agreement.

**NOW THEREFORE**, in consideration of the mutual covenants contained herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties, intending to be legally bound, do hereby agree as follows:

**SCOPE OF WORK**

The scope of work to be performed by CBI shall be determined by the Parties at the time the "Client" requests the services and as authorized by the "Clients" authorized representative. A request from the "Client" for CBI to perform services under this agreement constitutes an "ORDER" placed for these services. The "Client" acknowledges and agrees that CBI may, at its sole discretion, expand, modify, and/or discontinue the services with appropriate notice to the "Client". If such changes result in an increase or decrease in costs, these costs adjustments shall be documented in a written change order, signed by the parties.

Should the "Client" discontinue the request for services once the "ORDER" has been placed and authorization to proceed has been given, the "Client" concedes that CBI has deployed equipment, personnel and managerial staff in support of the service order. Accordingly, the "Client" agrees to mobilization charges equivalent to a 4 hour minimum that will be applied to the service order. In the event that CBI can not respond due to uncontrollable circumstances, CBI shall notify the "Client" in a judicious manner.

The services to be provided by CBI include, but are not limited to:

- Site evaluation, decontamination and restoration
- Containment, recovery, repackaging and removal of Hazardous & Non-Hazardous substances
- Transportation, storage, treatment or disposal of recovered wastes
- Technical services, including sampling, laboratory analysis, and other related services
- Training and mock spill drill deployments

**EMERGENCY NOTIFICATION**

The "Client" may request services of CBI by telephone - 24 hours / day - 7 days a week by calling its emergency number 800.399.7745. When the "Client" requests CBI to take action in an Emergency Response, such a request shall constitute an "ORDER" which may be accepted or rejected by CBI.

When the "ORDER" has been placed, CBI shall provide the "Client" with a written "JOB AUTHORIZATION, ACCEPTANCE OF TERMS AND CONDITIONS FORM" either in person or via fax to be signed by an authorized agent of the "Client" empowering CBI to perform the scope of work. (See attached exhibit A)

When placing an "ORDER", the "Client" shall identify the location and preliminary scope of services requested. Initial information may include, to the extent practicable:

- ✓ The surface impacted (soil, concrete, pavement, storm drains, etc...),
- ✓ The substance released
- ✓ The products chemical name and trade name
- ✓ Amount of release
- ✓ Name of either Party's on-scene representative.

**\*Client is responsible for advising all Federal, state, local, and any other governing authorities of the spill event occurrence. (See Emergency Response Spill – Reporting & Notification Requirements)**

### **CHANGE ORDER**

CBI may, at any time, **by verbal order followed by a written change order**; make specific changes in the scope of work under any "ORDER" accepted by CBI. Should such changes involve additional services on the part of CBI, then CBI shall submit an estimate of the amounts of additional personnel and equipment it expects to be utilized for such changes. CBI will not proceed with the changes until it has received written authorization from the "Client" unless the "ORDER" is issued under emergency conditions, were by a verbal "ORDER" followed by a written fax to CBI's corporate office shall control.

In an emergency where the safety of persons or property is threatened, CBI shall act, at its sole discretion, to prevent threatened damage, injury or loss to persons or property. Any such actions must be prudent, cost effective and justifiable. Such actions will be compensated in accordance with this agreement.

### **SITE ACCESS**

The "Client" shall be responsible for securing all necessary approvals, judicial and/or administrative orders necessary to ensure CBI legal access to the site.

### **RETAINER**

*n/c.*  
CBI shall charge a yearly retainer fee of \$ ~~450.00~~ which shall be prepaid before any services, equipment, or materials are made available to the "Client". The retainer is required to offset the cost of storage, maintenance, training and administrative fees. If CBI is called upon to respond to a spill, the annual fee shall be credited to the cleanup charge.

### **LICENSING**

CBI warrants that it is properly licensed and has the requisite skills and related expertise to provide the services described or reasonably implied in this agreement.

### **SUPPLEMENTARY TERMS AND CONDITIONS**

#### **MANIFEST AND PRODUCT PROFILING:**

CBI will provide the "Client" a manifest for all waste removed from the spill site. CBI reserves the right to determine the exact amount of waste transported and disposed thereof. Costs are determined based on the generator's waste material profile sheet and certification of the representative sample submitted. Should the waste be different from the sample submitted, the "Client" will be responsible for any additional disposal surcharges assessed by the disposal facility or incurred during subsequent transportation.

**PERSONNEL:**

All personnel sent on-site from CBI are technical personnel with the capacity of performing the entire operation on a given job. If, for any reason, due to the "Clients" collective bargaining agreements, or if the "Client" deems it is necessary to utilize other personnel in the performance of the work, such personnel shall be furnished by and at the sole expense of the "Client". Such additional personnel shall work under the direction and supervision of the "Client" and shall not be employees of CBI.

**INSURANCE:**

CBI shall observe and comply with all applicable laws in the state where such work is performed relating to Worker's Compensation and Longshoreman's and Harbor Worker's Insurance coverage for its employees and shall carry public liability insurance.

**TAXES:**

Unless otherwise indicated, all applicable federal, state, local taxes and tariffs are to be added to the quoted price(s).

**RENTAL:**

The "Client" assumes and agrees to be liable for all risks of physical loss or damage (other than ordinary wear and tear due to use) to the equipment after delivery to the "Client's" work site until returned to CBI's possession at point of origin. If such equipment is lost or damaged so as to be unrepairable, the "Client" shall pay CBI its replacement cost.

**TERMS OF PAYMENT:**

Unless otherwise stated, terms are **NET UPON RECEIPT OF INVOICE**. The parties further acknowledge making payment for all services provided by CBI as outlined under the terms set forth in this agreement. Failure to make timely payment will result in a 1.5% monthly interest penalty which is to be added to the outstanding balance, as well as any cost incurred during the process of securing payment, including but not limited to attorney's fees and the cost of collection.

**PROPOSAL ACCEPTANCE**

By my signature below I acknowledge that I have read the proposal and agree to its terms, including all those set forth above. In addition, I concede receiving a copy of the CBI Price List and that I have read all provisions set forth and agree to all terms and conditions thereof.

COMPANY NAME: Palmdale Oil Company, Inc.  
 CLIENT SIGNATURE: *Robert A. Reskin*  
 CLIENT PRINTED: Robert A. Reskin  
 TITLE: CFO  
 DATE: 3/3/11

Witnessed: Cliff Berry, Incorporated  
 Authorized Signature: *[Signature]*  
 Signature Printed: KIRK ROBERTS  
 Title: SENIOR MANAGER SALES & MARKETING

CLIENT INFORMATION

*Facility:* Fort Meyers Facility ID #:  
Business Address: 911 North 2<sup>nd</sup> Street, Ft. Pierce, FL 34950  
Site Address: 2961 Royal Palm Ave., Ft. Meyers FL 33901  
Technical Contact: Phone #: 239.226.4080 Email: palmdaleoil.com  
After Hour Phone #: Emergency Phone #: 561.722.7140  
*Insurance Company:*  
Name: Gulf Shore Insurance Policy #: EFD483024700  
Address: 4100 Doodlette Road, Naples FL 34103  
Phone #: Fax #: 24 Hour Emergency #: 800.785.7114  
Technical Contact: Terry Mills Phone #: 772.834.4345 24 Hour Emergency #: 561.722.7140  
Title: Email:

FACILITY DESCRIPTION

Type of Facility: X Shore side Fixed  
Tank Truck  
Vessel  
Number of Tanks & Capacities: 3 Diesel 3x15K  
(See diagram below for locations) 3 Gasoline 3x15K  
9 Oil Type 9x2K  
MSDS Date Sheets Included  
Equipment on Hand: Boats #  
Boom  
Absorbents  
Additional Details

Facility Certified Responder Personnel: Names -  
Length of Largest Vessel Docking at the Facility:  
Special Instructions / Additional Information:

\* RESPONSE TIME WITHIN 1 HOUR  
OF CALL TO OUR RESPONSE CENTER.  
R. KAR

SKETCH OF SITE / PHOTO(S) OF SITE  
CLIFF BERRY, INCORPORATED