

CURRY SUPPLY CO.

ROUTE 866 CURRYVILLE, PENNSYLVANIA 16631

PHONE: (814) 793-2829

TOLL FREE: (800) 345-2829

FAX: (814) 793-4877

Water System Instructions

Cab Control Console:

(4) Spray Valve Switches

Left Side Right Side Left Rear Right Rear

*Each switch has an on & off position.

(2) Push/Pull Switches

Pull = On

Push = Off

(1) Switch for Rear Strobe Light

(1) Switch for Water System Engagement

(1) Rotary Dial Switch for Increasing or Decreasing Hydraulic Flow to the Hydraulic Drive motor mounted on the water pump Clockwise = Increase in flow

CounterClockwise = Decrease flow

Operating System:

To Spray Water:

There are (3) Valves on the rear of the

unit at the water pump.

Valve #1 - 3" Valve coming off the top

of the water pump and

returning to the tank must

be closed.



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Valve #2 - 4" Valve coming from tank to suction side of pump must be open.

Valve #3 - 4" Valve going to 3" Cam Lock Fitting for Bottom Loading or Self-Loading must be closed.

Pull up on System Engagement Switch. System is now live and ready to spray water.

Hydraulic System: John S. Barnes Variable Displacement Hydraulic pump supplying a Sundstrand Piston Displacement

Hydraulic Motor.

With rotary dial at maximum setting - Clockwise - System is at maximum operating level when truck RPM reaches 1200 RPM. If a lesser amount of water is desired, the rotary dial can be turned counter clockwise to slow down the hydraulic motor driving the water pump.



ATLANTA, TRUCKPRO -D. D. XOB 538189 NASHVILLE 30353-8189

PHONE (615) -244-6333

CHARGE SALE

08/30/07

OTIP TO

INVOICE: 007-0269422

BILL: CUST: THORNE EXCAVATING CO. EZINHIL

624 Old Horn Springs

LEBANON TN

37087

D. O. #:

PHONE: 615-444-5142 SALESMAN: 60 - RALPH HARGIS

SHIP VIA: W/CALL

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Thank You -We Appreciate Your Business.

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Signature

SUB-TOTAL:

SALES

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930.66 86.09

INVOICE AMOUNT

1,016.75

Print Name

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TERMS: NET 10th ניסט.

¹⁾ The only warranties on the goods Solf with this invoice ("Goods") are those, if any, made expressly by the manufacturer of such Goods, and specifically, set forth by such manufacturer.

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PARTICULAR PURPOSE or MURIED WARRANTY OF METCHANTAGE LITY with respect to any such Goods. TruckPro reither assumes nor authorizes any person to assume on TruckPro is assumed in the second in the property of the second particular or the particular and the second particular countries. Incl. Property of the countries of the particular and countries of countries of the particular and countries of the particular and the particular and the particular and countries of countries of the particular and particular and the particular and countries of the particular and particular an



ATLANTA, GA 30353-8189 PHONE (615)-244-6333 TRUCKPRO -D. O. 6918-22202 HB X08 NASHVILLE

CHARGE SALE

08/31/07

BILL: 624 Old Horn Springs THORNE EXCAVATING CO. **EDNHL**

OT WINS

REPAIR INVOICE: 007-0269491

LEBANON TN

37087

D. D. #:

PHONE: 615-444-5142

SHIP VIA: W/CALL

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	Name	บงจะ	ORDER	SALESMAN: 60 -
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Thank You - We Appreciate Your Business.

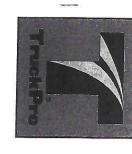
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> CART TERMS: NET 10th PROX.

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CHARGE SALE

08/31/07

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SHIP

INVOICE: 007-0269492

BILL CUST: 624 Old Horn Springs THORNE EXCAVATING CO.

TO:

LEBANON TN 37087

P. O. #:

PHONE: 615-444-5142

SALESMAN:

60 - RALPH HARGIS

SHIP VIA: W/CALL

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Signature

Print Name

SUB-TOTAL:

SALES

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INVOICE AMOUNT

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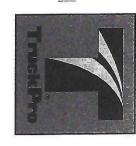
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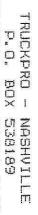
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All claims and return goods must be accompanied by this proces. If this account is not pead when due, I, we, or either of us agree to pay all Attempts frees and all other costs which may be incurred in the collection of this account.

All return or the remarkon of such or with believe and the foreign of the such assumes and shall company and accounts must be offset with a purphase. TrackPro and outstoner freeby expressly agree that any credit balance unused by customer to offset a purchase within one

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ATLANTA, O 30353-8189

PHONE (615) - 244 - 6333

CREDIT MEMO

08/31/07

SHIP TO :

INVOICE: 007-0269466

CUST: THORNE EXCAVATING CO. GUNHT

BILL TO: 624 Old Horn Springs

LEBONON TN 37087

PHONE: 615-444-5142 P.O. #: SALESMAN: 60 - RALPH HARGIS SHIP VIA: R27 LARRY LEBA

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Signature

Print Name

SUB-TOTAL:

SALES THX

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AMOUNT -77.72

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Industrial Marine Coatings

HI-MIL SHER-TAR® EPOXY

PART A PART B B69B40 B60V40

HARDENER

PRODUCT INFORMATION Revised 6/06 RECOMMENDED USES PRODUCT DESCRIPTION For use over prepared substrates such as steel and concrete HI-MIL SHER-TAR EPOXY is a high build, polyamide cured, in industrial environments. epoxy coal tar coating, which can be applied at high film thick-· Liner for clarifiers Penstocks ness in one coat. Marine applications Dam gates Offshore drilling rigs Petroleum storage tanks Heavy duty structural coating Non-potable water tank and pipe coating Acceptable for use with cathodic protection systems PERFORMANCE CHARACTERISTICS PRODUCT CHARACTERISTICS System Tested: (unless otherwise indicated) Semi-Gloss Finish: Steel Substrate: SSPC-SP6 Surface Preparation: Black Color: Hi-Mil Sher-Tar @ 20.0 mils dft 1 ct. Volume Solids: 68% ± 2%, mixed Abrasion Resistance: Method: ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load 77% ± 2%, mixed Weight Solids: Result: 101 ma loss <340 g/L; 2.8 lb/gal Unreduced: VOC (calculated): Adhesion: Reduced 25%: <430 g/L; 3.59 lb/ mixed Method: ASTM D4541 gal Result: 600 psi Direct Impact Resistance:

Mix Ratio:

2 components, premeasured 3:1

4 gallons mixed

Recommended Spreading Rate per coat:

Wet mils:

24.0 - 35.0

Dry mils:

16.0 - 24.0

Coverage:

45 - 68 sq ft/gal approximate

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 29.0 mils wet @ 50% RH:

@ 100°F @ 77°F @ 50°F 8-10 hours 2 hours 10 hours To touch: To handle: 48 hours 48 hours 6 hours To recoat: 24 hours 16 hours 8 hours minimum: 48 hours 16 hours maximum:

72 hours

To cure:

7 days

7 days

7 days

Pot Life:

6 hours

4 hours

1 hour

30 minutes 15 minutes Sweat-in-Time: 1 hour If maximum recoat time is exceeded, abrade surface before recoating. Drying time is temperature, humidity, and film thickness dependent.

Shelf Life:

12 months, unopened

Store indoors at 40°F to 100°F.

Flash Point:

110°F PMCC, mixed

Reducer/Clean Up:

Reducer #54, R7K54

Method: ASTM D2794

>80 in. lbs. Result: Dry Heat Resistance: **ASTM D2485** Method:

Result: 350°F

Flexibility:

ASTM D522, 180° bend, 1" mandrel Method:

Result: Passes

Moisture Condensation Resistance:

Method: ASTM D4585, 100°F, 1000 hours

Result: No failure Pencil Hardness: Method: **ASTM D3363** Result:

Salt Fog Resistance:

Method: ASTM B117, 1000 hours

Result: Excellent Sea Water Immersion: Method: ASTM D870 2 years

No blistering, cracking, or rusting Result:

Water Vapor Permeability: Method: **ASTM D1653**

0.021 perm-in. Result: Wet Heat Resistance: Method: Non-immersion

Result:

Provides performance comparable to products formulated to federal specifications: DOD-P-23236A (SH) Class 2. (Replaces MIL-P-23236) Type 1, Class 2, SSPC-Paint 16.



Industrial Marine Coatings

HI-MIL SHER-TAR® EPOXY

PART A PART B B69B40 B60V40 HARDENER

PRODUCT INFORMATION

RECOMMENDED SYSTEMS

Concrete or Steel, atmospheric or immersion: Hi-Mil Sher-Tar Epoxy @ 16.0 - 24.0 mils dft

Concrete or Steel, atmospheric or immersion: Hi-Mil Sher-Tar Epoxy @ 8.0 - 12.0 mils dft/ct

Steel, zinc rich primer, atmospheric only:

Zinc Clad II Plus @ 3.0 - 5.0 mils dft

Hi-Mil Sher-Tar Epoxy @ 16.0 - 24.0 mils dft 1 ct.

Steel, atmospheric only (Optional Epoxy Primer):

Recoatable Epoxy Primer @ 4.0 - 6.0 mils dft Hi-Mil Sher-Tar Epoxy @ 16.0 - 24.0 mils dft 1 ct.

Aluminum, atmospheric only:

Hi-Mil Sher-Tar Epoxy @ 16.0 - 24.0 mils dft

Galvanized Metal, atmospheric only:

Hi-Mil Sher-Tar Epoxy @ 16.0 - 24.0 mils dft

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:

Iron & Steel:

Atmospheric: Immersion: Aluminum:

SSPC-SP6/NACE 3, 2 mil profile SSPC-SP10/NACE 2, 4 mil profile

Brush Blast, 2 mil profile Brush Blast, 2 mil profile

Galvanizing: Concrete Masonry: Atmospheric:

SSPC-SP 13/NACE 6, or ICRI

Immersion:

03732, CSP 1-3 SSPC-SP 13/NACE 6-4.3.1 or 4.3.2., or ICRI 03732, CSP 1-3

TINTING

Do not tint.

APPLICATION CONDITIONS

Temperature:

50°F minimum, 120°F maximum (air, surface, and material)

At least 5°F above dew point

Relative humidity:

90% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging: Part A:

4 gallons mixed

Part B:

3 gallons in a 5 gallon container

1 gallon

Weight per gallon:

 10.3 ± 0.2 lb, mixed

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

DISCLAIMER

The systems listed above are representative of the

product's use. Other systems may be appropriate.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUAR-ANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUD-ING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



Industrial & Marine Coatings

HI-MIL SHER-TAR® EPOXY

PART A

B69B40 B60V40 BLACK HARDENER

APPLICATION BULLETIN

Revised 6/06

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Iron & Steel (atmospheric service)

Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6/NACE 3. For better performance, use Near White Metal Blast Cleaning per SSPC-SP10/NACE 2. Blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils). Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Iron & Steel (immersion service)

Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Near White Metal Blast Cleaning per SSPC-SP10/NACE2. Blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (4 mils). Remove all weld spatter and round all sharp edges by grinding. Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Galvanized Steel/Aluminum

Allow to weather a minimum of six months prior to coating. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1 (recommended solvent is VM&P Naphtha). Lightly brush blast per SSPC-SP 7 to provide a 2 mil profile.

Concrete

For surface preparation, refer to SSPC-SP13/NACE 6, or ICRI 03732, CSP 1-3. All surfaces must be cured according to the supplier's recommendations. Remove all form release and curing agents by sandblasting, shot blasting, mechanical scarification, or suitable chemical means. Fill all cracks, voids and bugholes with Steel Seam VSE. Concrete must be free of moisture as much as possible (moisture seldom drops below 15% in concrete). Test for moisture or dampness by taping an 18 inch by 18 inch plastic sheet (4 mils thick) on the bare surface, sealing all of the edges. After a minimum of 16 hours, inspect for moisture, discoloration, or condensation on the concrete or the underside of the plastic. If moisture is present, the source must be located and the cause corrected prior to painting. Brush blasting required for immersion service.

APPLICATION CONDITIONS

Temperature:

50°F minimum, 120°F maximum (air, surface, and material) At least 5°F above dew point

Relative humidity:

90% maximum

APPLICATION EQUIPMENT

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions

Reducer/Clean Up Reducer #54, R7K54

Airless Spray

Reduction As needed up to 25% by volume

Conventional Spray (bottom feed tank recommended)

 Gun
 Binks 95

 Fluid Nozzle
 66

 Air Nozzle
 63PB

 Atomization Pressure
 60 psi

 Fluid Pressure
 40 psi

Reduction As needed up to 25% by volume

Brush

Brush Natural Bristle
Reduction Not recommended

Roller

If specific application equipment is not listed above, equivalent equipment may be substituted.

DATE 10-13-07
MILEAGE/HOURS
EQUIPMENT REPAIRED #19
REPAIRS MADE replace Left front tiebolt
weld crakle in tank
2
HOURS WORKED
PARTS USED

DATE SCIMMEN (CCT)	
MILEAGE/HOURS	
EQUIPMENT REPAIRED # 19	Mack water Truck
REPAIRS MADE	
*	
HOURS WORKED	

2- P553191 1- P550286 1- P550219 1- P550431 1- P554860 \$52.45 1-P554860 \$52.45 Belts \$45.87 handle \$80.95

PARTS USED

Himil cold Tor Epoxy. 8178.00 \$168.27 Mosk \$25,06 Rubbing comps Black Paint 3cooth Brite yellow Pairs \$101.00 \$50.26 code 112534 2- A. (Valves 2000000 6-Bruke Kits 6- wheel seeds" 12 - Bearings # 1548,83 Bruke core - 126,73

DATE 6-27-08
MILEAGE/HOURS 13 FK
EQUIPMENT REPAIRED #19 Mark Water Truck
REPAIRS MADE rubbers for Grunlok couplings
HOURS WORKED
PARTS USED
-rubber 20. WED. A76. IR & G
out of Texas
Grandak -300-FI67000

DATE 9-25-08
MILEAGE/HOURS
EQUIPMENT REPAIRED #19 Mack water truck
REPAIRS MADE power divider switch
HOURS WORKED
PARTS USED
with \$18,30 Mack of Nashville

D/	ATE 10-14-08					
M	MILEAGE/HOURS 139 K					
E	EQUIPMENT REPAIRED # 19 Mack Water Truck					
RI	EPAIRS MADE Air Filter replaced					
HO	OURS WORKED					
PA	ARTS USED					
Ai-	Filter A67.14 Ten. Filter					

DATE 10-21-08
MILEAGE/HOURS
EQUIPMENT REPAIRED #19 MACK WATER Truck
REPAIRS MADE replaced cab leveling value
HOURS WORKED
PARTS USED
1 se # 95,46 Truck Pro



THORNE'S EXCAVATING COMPANY, LLC SINCE 1963

EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT	CODES			
EQUIP.#	HOURSDAYS	BASIC MACHINE HYDRAULIC	ENGINE IMPLEMENTS			
MAKE MACK	REASON	POWER TRAIN ELECTRIC DR	IVE TRAIN UNEXPLAINED			
MODELWARE Truck	PARTS LABOR	COMPONENT LO	CATION			
SERIAL #	OTHER STATES	FRONT REAR LEFT RIGH	IT UPPER LOWER			
HOUR METER	OTHER	OTHER				
MILES						
	6	1	27.00			
REASON FOR FAILURE: BROKEN WOR	N ABUSE LOOSE SEIZED	DATE: DATE CO	OMPLETED 7-1-09			
OVERHEAT PLANNED CONTAM LEAF	KING NOISY SCRATCH	MECHANIC Jancox	· Daniel			
SMOKES SHORTED VIBRATE OTHER	1	JOB NAME/LOCATION	JOB NUMBER			
	+7	Shop				
PROBLEM: Tire worn	onl					
REPAIRED: replaced left that inver tanden Time						
		we involen	1106			
with used tin						
PARTS: Used tire						



THORNE'S EXCAVATING COMPANY, LLC

EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT CO	DDES		
EQUIP. #	HOURSDAYS	BASIC MACHINE HYDRAULIC	ENGINE IMPLEMENTS		
MAKE MACK	REASON	POWER TRAIN ELECTRIC DRIVI	E TRAIN UNEXPLAINED		
MODEL CH613	PARTS LABOR	COMPONENT LOCA	ATION		
SERIAL#_057953		FRONT REAR LEFT RIGHT	UPPER LOWER		
HOUR METER	OTHER	OTHER			
MILES					
		7			
REASON FOR FAILURE: BROKEN WO	RN ABUSE LOOSE SEIZED	DATE: 7-2-09 DATE CON	IPLETED		
OVERHEAT PLANNED CONTAM LEA	KING NOISY SCRATCH	MECHANIC			
SMOKES SHORTED VIBRATE OTHE	ς	JOB NAME/LOCATION	JOB NUMBER		
	1 1	Shop			
PROBLEM: RT MINOR	coming Appel	pieces missing			
REPAIRED: Replaced mirror					
1106					
PARTS: West Coast Mirror 4/8,50 O'Reilly					
			55 - 383		



THORNE'S EXCAVATING COMPANY, LLC

EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT CODES				
EQUIP. #	HOURSDAYS	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS				
MAKE MACK	REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED				
MODEL Water Truck	PARTS LABOR	COMPONENT LOCATION				
SERIAL #	OTHER	FRONT REAR LEFT RIGHT UPPER LOWER				
HOUR METER	OTHER	OTHER				
MILES						
		DATE: DATE COMPLETED 7-26-09				
REASON FOR FAILURE: BROKEN WOI		MECHANIC DAMES + DANIEL				
OVERHEAT PLANNED CONTAM LEA	KING NOISY SCRATCH					
SMOKES SHORTED VIBRATE OTHER		Shop				
PROBLEM: UA/VES ST	icking pull	ing to left during				
brakingo						
patched leak in tank with patch kit						
replaced three.	Ball Values					
PARTS FALU PART Y- FLAT UNIVER \$727,15 LDC						
PARTS: PAIN FAMOU TO YEAR VAIVES CIT LOC						
wheel seals 41. Ukelly						
TANK patch K	JANK PAICH KIT III					
ball values 0/6	= LUC					



THORNE'S EXCAVATING COMPANY, LLC SINCE 1963

EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT CODES			
EQUIP.#	HOURSDAYS	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS			
MAKE MACK		1.0			
	REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED			
MODEL CH613	PARTS LABOR	COMPONENT LOCATION			
SERIAL#		FRONT REAR LEFT RIGHT UPPER LOWER			
HOUR METER	OTHER	OTHER			
MILES	P				
REASON FOR FAILURE: BROKEN WOR	N ABUSE LOOSE SEIZED	DATE: DATE COMPLETED 7-2-12			
OVERHEAT PLANNED CONTAM LEAK	ING NOISY SCRATCH	MECHANIC JAMES			
SMOKES SHORTED VIBRATE OTHER		JOB NAME/LOCATION JOB NUMBER			
OHORED VIDICIE OTHER		Shew			
PROBLEM: Check ove	~				
Exhaust masted	art bellow	mutter			
Seam cracked on	7 7				
Jenn Cratter Ca	o when 1x	NX			
REPAIRED: replaced se	tion of 6	Khanst			
put scaland in	lott tak su	Home			
Tank obill kaki					
JANK OVII KAKIN					
		And the second s			
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= Elbon 90'5"	6-clamps \$75.	NAPA Siles			
PARIS: 27022 /	Bery	11000			
TANK repair res	20 B	NAPA			
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Jealant Form	43.68 O	reily			
Jealand Feam	3712 N	APA			
	K Minay	- 11/2			

THORNE'S EXCAVATING COMPANY, LLC

EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT CODE	S		
EQUIP. # 19	HOURSDAYS	BASIC MACHINE HYDRAULIC ENGI	NE IMPLEMENTS		
MAKE MACK	REASON	POWER TRAIN ELECTRIC DRIVE TRA	AIN UNEXPLAINED		
MODEL 1989 CH613	PARTS LABOR	COMPONENT LOCATION	ON		
SERIAL #Water Truck	OTHER	FRONT REAR LEFT RIGHT UI	PPER LOWER		
HOUR METER	OTHER	OTHER			
MILES					
REASON FOR FAILURE: BROKEN WORN	ABUSE LOOSE SEIZED	DATE: DATE COMPL	ETED/23-13		
OVERHEAT PLANNED CONTAM LEAKI		MECHANIC Amel	4-40-		
SMOKES SHORTED VIBRATE OTHER_		JOB NAME/LOCATION	JOB NUMBER		
PROBLEM: WOUT STAT					
	- Oak-				
	- Control of the Cont				
REPAIRED: hatteries	aged out				
Denland all	three batter	ries			
1cp 1 cm ,					
PARTS: 3-Grp 3/5	HRONDE.	10. a. A.t.	Do to		
PARTS: D C C C C C C C C C C C C C C C C C C	23611-	MURNE / 1410 /	Arl		
			-		
		31.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.			

THORNE'S EXCAVATING COMPANY, LLC

MAKE MACK MODEL 91 CH6CO SERIAL#	EQUIPMENT DOWNTIME HOURS DAYS REASON PARTS LABOR OTHER	COMPONENT CO BASIC MACHINE HYDRAULIC EN POWER TRAIN ELECTRIC DRIVE COMPONENT LOCA FRONT REAR LEFT RIGHT OTHER	NGINE IMPLEMENTS TRAIN UNEXPLAINED ATION UPPER LOWER
REASON FOR FAILURE: BROKEN WORN OVERHEAT PLANNED CONTAM LEAKING SMOKES SHORTED VIBRATE OTHER PROBLEM: Check over	G NOISY SCRATCH	1600	JOB NUMBER
to cove holes, Re	tank welded eplaced sight moved right rubber. ressed che	crack made t tubes on e at frost spon cleed all time	

THORNE'S EXCAVATING COMPANY, LLC

MAKE MACK MODEL Water Truck SERIAL#	EQUIPMENT DOWNTIME HOURS DAYS REASON PARTS LABOR OTHER	COMPONENT CO BASIC MACHINE HYDRAULIC EN POWER TRAIN ELECTRIC DRIVE COMPONENT LOCA FRONT REAR LEFT RIGHT OTHER	NGINE IMPLEMENTS TRAIN UNEXPLAINED ATION UPPER LOWER
MILES		×	7,12
REASON FOR FAILURE: BROKEN WORN OVERHEAT PLANNED CONTAM LEAKIN		DATE: DATE COM	PLETED 1-C13
SMOKES SHORTED VIBRATE OTHER_		JOB NAME/LOCATION	JOB NUMBER
problem: Air leaks pump drive sh	aft seal		
REPAIRED: PEPLACED P	sump drive	coupling be	Spallas
replaced guille.	- release va chambe R	he on top	of y
			3
PARTS: Spring broket wall Mase Ken stack	180.45 7.72	NAPA NAPA	

THORNE'S EXCAVATING COMPANY, LLC

The state of the s	THE STATE OF THE S	THE PARTY OF THE P
EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT CODES
18	HOURS DAYS	EASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
- Marks	REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED
WODELDM6qOS	PARTS LABOR	COMPONENT LOCATION
SERIAL # Finel Truck		FRONT REAR LEFT RIGHT UPPER LOWER
HOUR METER	OTHER	OTHER
MILES		
	ALL STATE OF THE S	
REASON FOR FAILURE: BROKEN WORN	ABUSE LOOSE SEIZED	MECHANIC Charles of Steven B
OVERHEAT PLANNED CONTAM LEAKIN	NG NOISY SCRATCH	MECHANIC Charles of Steven 13
SMOKES SHORTED VIBRATE OTHER_		JOB NAME/LOCATION JOB NUMBER
PROBLEM: 5/ONN /KACI	smp bulbs	J 4-5
TROBLEM, Grove J. F. C. VI	P 0 112	

REPAIRED: replaced b	ulb	
N-		
6.16-	5460 A	lunce Deto Ports

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EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT CODES
EQUIP. #	HOURSDAYS	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
MAKE MACK	REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED
MODEL 91'	PARTS LABOR	COMPONENT LOCATION
SERIAL # Mater Truck		FRONT REAR LEFT RIGHT UPPER LOWER
	OTHER	1 Copy on Constant
MILES		OTHER
REASON FOR FAILURE: BROKEN WORN	ABUSE LOOSE SEIZED	DATE: DATE COMPLETED 4-27-17
OVERHEAT PLANNED CONTAM LEAKI	NG NOISY SCRATCH	MECHANIC James & Steven
SMOKES SHORTED VIBRATE OTHER_		JOB NAME/LOCATION JOB NUMBER
PROBLEM: reeds stee	· time	Shap
PROBLEM: 1000	111.65	
	,	
REPAIRED: Colocal	steer tires	
replaced fuel	TANK Dispire	values on both Tanks
7.00	Mill Malies	VALUE OF ROLL PANKS
	3000	
mars Hard. 110-22.	5 12	-tale
PARTS: Here. 11R-22.	11/1/2	Mack of Nashville
C-Valvy	114,2	MASTINE

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EQUIPMENT INFORMATION EQUIP. # O 1 O 4 MAKE MACK MODEL WARE Truck SERIAL # HOUR METER	EQUIPMENT DOWNTIME HOURS DAYS REASON PARTS LABOR OTHER	COMPONENT CODES BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED COMPONENT LOCATION FRONT REAR LEFT RIGHT UPPER LOWER OTHER
miles/40k		
OVERHEAT PLANNED CONTAM LEAKIN	NG NOISY SCRATCH	DATE 6-12-19 DATE COMPLETED 6-13-19 MECHANIC ALL
SMOKES SHORTED VIBRATE OTHER_		JOB NUMBER JOB NUMBER
PROBLEM: Check are	to Take fo	SASAland City
bool tires	Adjusted b	orakes replaced two
PARTS 2-0:14/cccs/AND 1- hyd filter Other filters	to files 27:	Napa

THORNE'S EXCAVATING COMPANY, LLC SINCE 1963



118-DSI CHRISTIANA Tele: 615-217-4402 118 Capital Way Christiana, TN 37037

Packing List Ship Whse Order Number Order Date 118 2019-06-21 10133423-00 Placed By PO Number

544007770

Cust # 18136

Bill To

XYLEM DEWATERING SOLUTIONS INC PO BOX 191 DBA HEARTLAND PUMPS ATTN: A/P BRIDGEPORT, NJ 08014-0191 US

Ship To THORNE'S EXCAVATING CO LLC 624 OLD HORN SPRINGS RD LEBANON, TN 37087-1811 US

Instructions	Route	Request Date	Terms
		2019-06-21	2%15thNetEOM
Ship Point	Via	Freight Terr	ns Description
DSI CHRISTIANA	BESTWAY		ID & ADD
Reference	SIsRepIn/Out		nt this order, contact:
	W/10/1104		and an arrange of the contract.

W18/1184 MIKE RIDDLE 615-217-4400

						KIDDLE	013-21/-4400
Ln #	Product And Description	Quantity Ordered	Quantity Shipped	Quantity Backordered	Qty UM	Unit Price	Amount Extended
1	M10216 OIL SEAL	1	(1)	0	EACH	(A)	
DOWN.	S05126 VOLUTE GASKET	1	Y	0	EACH		
- 1	S32690 MECHANICAL SEAL	1	6	0	EACH		
			=				



TYPE "B" SINGLE STAGE CENTRIFUGAL PUMP Bearing Frame Mount Self Prime

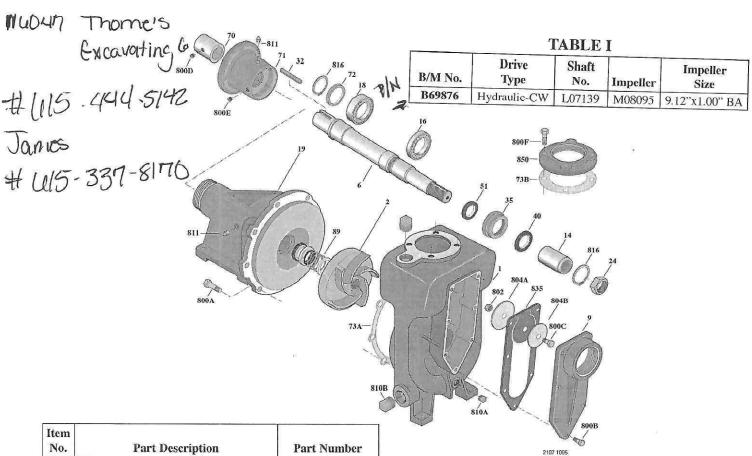
Section	FN
Page	4
Date	January 1, 20

CAST IRON IMPELLER

B4ZRKS

Threaded Case (NPT)

Mechanical Seal Construction



Item No.	Part Description	Part Number
1	Case, Volute	H02505
2	Impeller	See Table I
6	Shaft	See Table I
9	Cover, Suction	L04108
14	Sleeve, Shaft	S39242
16	Bearing, Ball	S13270
18	Bearing, Ball	S13271
19	Frame	H04007
24	Nut, Hex Jam	M10220
32	Key, 1/4x1"	S24168
35	Inner Bearing Cap	M10213
40	Slinger, Water	S12260
51	Seal, Oil	M10216
70	Coupling, Shaft	S30636
71	Bracket, Hydraulic Motor	L05720
72	Ring, Thrust	S29218
73A	Gasket, Case	S05126
73B	Gasket, Blind Flange	S10364
89	Seal, Mechanical Shaft	S32690

1.	Shaft Replacement Kit available for this model.
	Berkeley part number B80703 .
	Pump Shaft sold in shaft replacement kit only.

Item No.	Part Description	Part Number
800A	Capscrew, Hex 3/8-16x1" (8 Req.)	S26826
800B	Capscrew, Hex 3/8-16x1-1/4" (7 Req.)	S26828
800C	Capscrew, Hex 3/8-16x3/4"	S26824
800D	Set Screw, Hex 1/2"	S23964
800E	Set Screw, Hex 5/8" (2 Req.)	S23965
800F	Capscrew, Hex 5/8-11x1-3/4" (4 Req.)	S27001
802	Nut, Hex 3/8-16	S23103
804A	Weight, Clack	S14842
804B	Weight, Clack	S15325
810A	Plug, Pipe 1/2" NPT	S23717
810B	Plug, Pipe 1-1/2" NPT (2 Req.)	S23695
811	Fitting, Grease (3 Req.)	S23670
816	Ring, Retaining External	S23009
816	Ring, Retaining	S23010
835	Clack, Rubber	L04119
850	Flange, Companion	\$15933
•	Spacer, Impeller	S15405

[·] Not illustrated.

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MAKE MAKE MODEL 91 SERIAL # WAKE FUNK HOUR METER MILES	EQUIPMENT DOWNTIME HOURS DAYS REASON PARTS LABOR OTHER	COMPONENT CO BASIC MACHINE HYDRAULIC EI POWER TRAIN ELECTRIC DRIVE COMPONENT LOCA FRONT REAR LEFT RIGHT OTHER	NGINE IMPLEMENTS TRAIN UNEXPLAINED ATION UPPER LOWER
REASON FOR FAILURE: BROKEN WORN OVERHEAT PLANNED CONTAM LEAKIN SMOKES SHORTED VIBRATE OTHER	G NOISY SCRATCH	N-0.7	IPLETED 6.17-76
PROBLEM: check over A REPAIRED: replaced		teer bruke d	smbes
PARTS: HOZYS bake c	hambers 66.	40 Napa	

THORNE'S EXCAVATING COMPANY, LLC

EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT CODES	
	HOURSDAYS	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE Mack	REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL 91' Wate Time	PARTS LABOR	COMPONENT LOCATION	
SERIAL#	OTHER D	FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER	OTHER	OTHER	
MILES	No. of the control of		
		17 /	_
REASON FOR FAILURE: BROKEN WORN -	ABUSE LOOSE SEIZED	DATE: 7-6-20 DATE COMPLETED 7-10-2	0
OVERHEAT PLANNED CONTAM LEAKI	NG NOISY SCRATCH	MECHANIC BEV	-
SMOKES SHORTED VIBRATE OTHER_	P	JOB NAME/LOCATION JOB NUMBER JOHN BYLLINGER	***************************************
PROBLEM: broken con	alinas		
The state of the s	277290		
	3)		
rance and the second	(April 1997)		
REPAIRED: replaced a	11 bad Gro	ove Cardinas	
i			
¥			
1			
1			
PARTS: France Con Line			+
PARTS: Frobe Coyoling		United Truck Eguipma	t
PARTS: Grobe Coupling			t
PARTS: Frobe Coupling			7
PARTS: Frabe Coupling			7
PARTS Grobe Coupling			T

THORNE'S EXCAVATING COMPANY, LLC

EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT COI	DES
EQUIP. # 0104	HOURSDAYS	BASIC MACHINE HYDRAULIC EN	
MAKE MACK	REASON	POWER TRAIN ELECTRIC DRIVE I	
MODEL	PARTS LABOR		
SERIAL # Water Truck	ZAGON	COMPONENT LOCA	
HOUR METER	OTHER	FRONT REAR LEFT RIGHT	
MILES	ACAD CONTRACTOR CONTRA	OTHER	
REASON FOR FAILURE: BROKEN WORN	ABUSE LOOSE SEIZED	DATE: 3-11-21 DATE COM	PLETED 3-12-21
OVERHEAT PLANNED CONTAM LEAKI	NG NOISY SCRATCH	MECHANIC BEN	
SMOKES SHORTED VIBRATE OTHER_		JOB NAME/LOCATION	JOB NUMBER
The control of the co		Eastgate	OOD NOWISER
PROBLEM: Needs beacon	light		×
REPAIRED: replaced 1	1,110		
THE PARENT	ight & Swit	64	
THE COLUMN TWO IS NOT THE OWNER OF THE PROPERTY OF THE PROPERT			
PARTS: /ight & switche	128.04	Nagaa	
Company of the Compan		**************************************	

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	EQUIPMENT DOWNTIME	COMPONENT CODES	
EOUIP. 11 0104	HOURSDAYS		
MAKE MACK	REASON	BASIC MACHINE HYDRAULIC ENGINE IMPLEMEN	
MODEL 91 CH613	PARTS LABOR	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAI	NED
SERIAL II WATE Truck	CABOR	COMPONENT LOCATION	, and a second
HOUR METER	OTHER	FRONT REAR LEFT RIGHT UPPER LOWER	
	1	OTHER	
MILES			
REASON FOR FAILURE: GROKEN WOR	N ABUSE LOOSE SEIZED	DATE: DATE COMPLETED 5-/7	2-22
OVERHEAT PLANNED CONTAM LEAR	ING NOISY SCRATCH	MECHANIC Tomes & Ber	
SMOKES SHORTED VIBRATE OTHER		JOB NAME/LOCATION JOB NUMBER	
PROBLEM: Jet up for Cr	Control of the Contro	Shap	
PHOBLEM: JET UP 101 (wher		`
set up to sup	Hes		
set las to si	1 - 1		
to supp	of Crucher		
- Supp	oly Cruber		
	oly Crucher		
PARTS: Truck filters	59, FT	Nyon	
PARTS: Truck filters Adaptes & ball unt	59, FT 300, w	Ngos Nashville biblior Von	iket
PARTS: Truck filters Adaptes & ball unt	59, FT 300, w	Nashville Publica Con	thet!
PARTS: Truck filters Adaptes & ball wold coulant tank cap	59, FT	Mahon Truck	iket 15
PARTS: Truck filters Adaptes & ball unt	59, FT 300, 00 24, 71	Nashville Publica Con	iket 1/3
PARTS: Truck filters Adaptes & ball wold coulant tank cap	59, FT 300, 00 24, 71	Mahon Truck	iket 's

THORNE'S EXCAVATING COMPANY, LLC

CO. C.	31NCE 196	53	
EQUIPMENT INFORMATION EQUIP. II # O O MAKE MACK MODEL WATE Truck SERIAL II HOUR METER MILES	EQUIPMENT DOWNTIME HOURS DAYS REASON PARTS LABOR OTHER	COMPONENT CO	GINE IMPLEMENTS TRAIN UNEXPLAINED TION UPPER LOWER
REASON FOR FAILURE: BROKEN WORN OVERHEAT PLANNED CONTAM LEAKIN SMOKES SHORTED VIBRATE OTHER PROBLEM: NO PIGHT //	NG NOISY SCHATCH	DATE: DATE COM	PLETEOG-30-72
replaced dutch por changed pir title	Tun signal Stes in PTC t Myd. filte)	
PARTS: Switch Clutch plates stop leak Airtite + byd.	146.19 315.49 43.45 Filter 108,64	Mª Mahon Applied Ind Alunce Napa	Tracks Tech.



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EOLHDasener			
EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT CODES	N. C.
EQUIP. 11 0104	HOURSDAYS	BASIC MACHINE HYDRAULIC ENGINE IMPLEM	MENTS
MAKE MACK	REASON	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXP	
MODEL Water Truck	PARTS LABOR	COMPONENT LOCATION	
SERIAL #		FRONT REAR LEFT RIGHT UPPER LOWI	
HOUR METER	OTHER		1
MILES		ОТНЕЯ	
and the state of t	·		
REASON FOR FAILURE: BROKEN WORL		DATE: DATE COMPLETED 2-5	1-23
OVERHEAT PLANNED CONTAM LEAK	ING NOISY SCRATCH	MECHANIC Anthony	
SMOKES SHORTED VIBRATE OTHER		JOB NAME/LOCATION JOB NUMBER	iR
PROBLEM: bad batteries	•	Stone Trace	
DATIENTE)		
REPAIRED: PEplaced	battenti		
- principle	Uniteries		1
		·	
		2	
PARTS: 3-Grp 31	517.00	Advance Auto	Parts