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## **BCH-E**

**ELECTRIC CABINET BASED BRAISING PAN WITH  
HEAVY DUTY HYDRAULIC TILT  
INSTALLATION – OPERATION – MAINTENANCE**



**BLODGETT OVEN COMPANY**

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

44 Lakeside Avenue, Burlington, Vermont 05401 USA Telephone (800) 331-5842, (802) 860-3700 Fax: (802) 864-0183

S00066 Rev A (5/04)

## **IMPORTANT NOTES FOR INSTALLATION AND OPERATION**

It is recommended that this manual be read thoroughly and that all instructions be followed carefully. This manual should be retained for future reference.



**This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.**



**WARNING: Improper installation, operation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operating and maintenance instructions thoroughly before installing, operating or servicing this equipment.**

**This manual should be retained for future reference.**

**Intended for commercial use only. Not for household use.**

**Do not attempt to operate this unit in the event of a power failure.**

**Adequate clearances must be maintained for safe and proper operation.**

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## 2.0 SERVICE CONNECTIONS



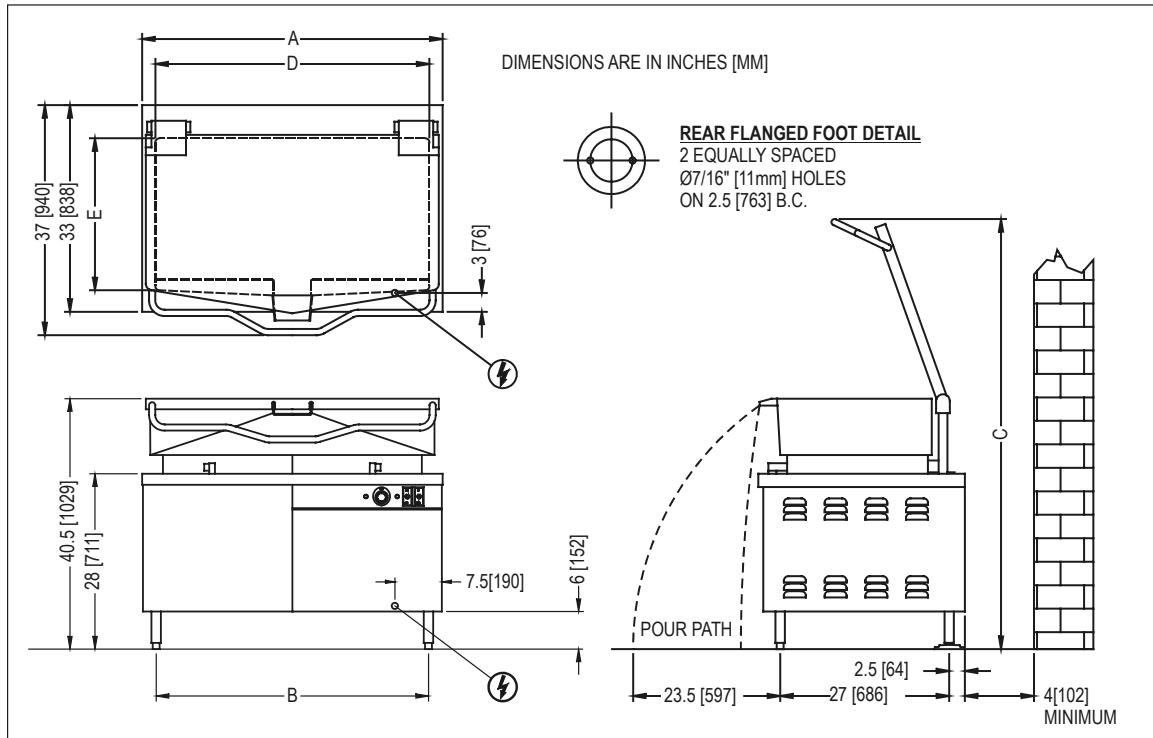
ELECTRICAL CONNECTION TO BE AS SPECIFIED ON DATA PLATE

### ELECTRICAL RATINGS

Available kW			AMPS PER LINE								
MODEL	STD.	OPT.	kW	PHASE	208V	220V	240V	380V	415V	480V	600V
BCH-30E	12	N/A	12	1	57.7	54.5	50.0	N/A	N/A	N/A	N/A
BCH-40E	15	18		3	33.3	31.5	28.9	18.2	16.7	14.4	11.5
BCH-40E	15	18	15	1	72.1	68.2	62.5	N/A	N/A	N/A	N/A
				3	41.6	39.4	36.1	22.8	20.9	18.0	14.4
BCH-40E	15	18	18	1	86.5	81.8	75.0	N/A	N/A	N/A	N/A
				3	50.0	47.2	43.3	27.3	25.0	21.7	17.3

### DIMENSIONS

MODEL	CAPACITY	UNITS	A	B	C	D	E
BCH-30E	30 gallons	inches	36.0	30	74.0	33.5	24
	114 litres	mm	914	762	1880	851	610
BCH-40E	40 gallons	inches	48.0	42.0	74.0	43.5	24
	152 litres	mm	1219	1067	1880	1105	610



### **3.0 INSTALLATION INSTRUCTIONS**

#### **UNPACKING**

Immediately after unpacking, check for possible shipping damage. If the tilting braising pan is found to be damaged, save the packaging material and contact the carrier within 15 days of delivery.

Before installing, verify that the electrical service agrees with the specifications on the rating plate located on the left side panel as you face the front of the braising pan. If the supply and equipment requirements do not agree, contact your dealer or Blodgett.

#### **LOCATION**

The installation location must allow adequate clearances for servicing and proper operation. A minimum front clearance of 36" and rear clearance of 4" is required.

#### **INSTALLATION CODES AND STANDARDS**

Your Blodgett Tilting Braising Pan must be installed in accordance with:

1. In Canada, provincial and local codes, or in the absence of local codes, with: C.S.A. C22.1 Canadian Electrical Code, Part 1 or in the U.S.A., U.L. 197 Standard.
2. In the U.S.A., state and local codes, or in absence of local codes, National Electrical Code ANSI/NFPA-70 (latest edition).

ANSI NFPA Standard #96, "Vapor Removal from Cooking Equipment," (latest edition), available from the National Fire Protection Association, Batterymarch Park, Quincy, MA, U.S.A., 02269.

## **INSTALLATION INSTRUCTIONS** (Continued)

### **LEVELLING AND ANCHORING TILTING BRAISING PAN**

1. Place tilting braising pan in the installation position.
2. Place a carpenter's level on top of the braising pan and turn the adjustable feet to level braising pan side-to-side and front-to-back.
3. Mark hole locations on the floor through the anchoring holes provided in the rear flanged adjustable feet.
4. Remove tilting braising pan from installation position and drill holes in locations marked on the floor. (See installation diagram on page 4.) Insert proper anchoring devices (not supplied).
5. Place tilting braising pan back in the installation position.
6. Place carpenter's level on top of braising pan and re-level side-to-side and front-to-back.
7. Bolt and anchor tilting braising pan securely to the floor.
8. Seal bolts and flanged feet with silastic or equivalent compound.

## **ELECTRICAL CONNECTIONS**



**WARNING: Electrical and grounding connections must comply with the applicable portions of the National Electrical Code and/or other local codes.**



**WARNING: Disconnect the power supply to the appliance before cleaning or servicing.**

The wiring compartment is located behind the control panel. Refer to Page 4 Service Connections.

1. Remove the wiring compartment cover and make electrical connections per the wiring diagram located inside the control housing cover panel. The braising pan must be grounded in accordance with requirements of the National Electrical Code or applicable local codes. Connection from incoming lines must be waterproof.
2. Ground skillet to terminal provided in control housing. A wiring diagram is provided and is located inside the control cover panel.
3. Replace wiring compartment cover.


## **SERVICE CONNECTIONS**

All internal wiring for the skillet is complete.

Make service connections as indicated on page 4 and Electrical Connections above.

If faucet is provided connect water supply and check for proper operation.

## 4.0 OPERATION INSTRUCTIONS

	<p style="text-align: center;"><b>WARNING</b></p> <p><b>The tilting braising pan and its parts are hot. Use care when operating, cleaning and servicing the tilting braising pan.</b></p>
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### **BEFORE FIRST USE**

Using a non-corrosive, grease-dissolving commercial cleaner, to clean the protective metal oils from all surface parts and the interior of the tilting braising pan. Follow the cleaner manufacturer's directions. Rinse thoroughly and drain the pan. Wipe dry with a soft clean cloth.

### **CONTROLS:**

- TILT SWITCH -** Push up to raise tilting braising pan; push down to lower tilting braising pan.
- POWER SWITCH -** Turns power on to the lift motor. Note: it is not necessary to have the power on when using the braising pan. Turn power on only when you intend to operate the tilt feature. This will save energy as well as prevent the motor from overheating.
- AMBER LIGHT -** Will light when the power is turned on to the lift motor.
- THERMOSTAT-** Turns tilting braising pan ON and maintains set temperature by controlling power supply. Temperature settings range from 150°F (70°C) to 450°F (230°C).
- RED TEMPERATURE LIGHT -** Will light when heating elements are supplying heat to the tilting braising pan.

## **START-UP PROCEDURE**

1. Ensure that the braising pan is in the DOWN position.
2. Turn THERMOSTAT dial to desired temperature. The red TEMPERATURE LIGHT will come on.
3. When braising pan has reached set temperature, the red TEMPERATURE LIGHT will go off and the heating elements will shut off. The heating elements will cycle on and off thereafter to maintain set temperature. The red TEMPERATURE LIGHT will be on when the heating elements are on, and off when the heating elements are off.
4. Preheat braising pan and allow it to cycle to equalize heat across the entire surface.
5. Water will boil faster with the lid down.
6. Turn THERMOSTAT to OFF when braising pan is not in use.
7. Turn power switch to motor OFF.

## **DAILY SHUTDOWN PROCEDURE**

To turn tilting braising pan off, turn THERMOSTAT dial to OFF.

To turn power to tilt motor off, turn power switch to OFF.

## **TILTING THE BRAISING PAN**

1. DO NOT try to tilt braising pan with lid down.
2. Turn power switch to the 'ON' position.
3. Make sure the receiving pan is in place.
4. To tilt braising pan, push and hold TILT SWITCH in the UP mode until desired pan position has been reached. The braising pan will empty when raised to the top tilt position. When the braising pan is raised 5° or more, the heating elements will be turned off automatically. The braising pan will not operate once the pan has been tilted.
5. Food is poured through the removable strainer (Figure 2) into a food receiving pan positioned under the lip of the pouring spout (Figure 2).
6. To lower braising pan, push and hold TILT SWITCH in the DOWN mode.

## 5.0 CLEANING INSTRUCTIONS

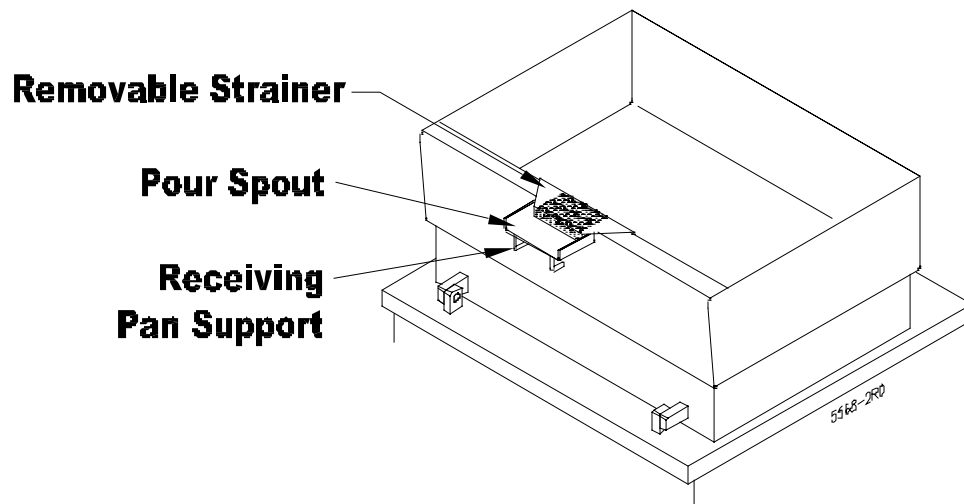


**WARNING: Disconnect the power supply to the appliance before cleaning or servicing.**

After each use, allow the tilting braising pan to cool before cleaning. Keep exposed cleanable areas of the tilting braising pan clean at all times. Do not get water in electrical box or on any electrical component.

1. Thoroughly wash pan, pouring spout, (see Figure 2) lid and exterior surfaces with mild detergent and warm water. If necessary, soak pan to remove food that is stuck to pan surface. Rinse thoroughly and wipe dry with a soft clean cloth.
2. Clean removable strainer and receiving pan support with mild detergent and warm water. Rinse thoroughly and wipe dry with a soft clean cloth.

*FIGURE 2*



## 6.0 COOKING GUIDELINES

The guidelines given below are suggested quantities, temperature settings, and **estimated** numbers of orders per load and per hour. When two temperatures are given, the first is to start the product, and the second to finish the product.

The following temperatures should be used:

	<u>Temperature (°F)</u>
Simmering	200 Maximum
Sautéing	225 - 275
Searing	300 - 350
Frying	325 - 375
Grilling	350 - 450

<u>ITEM</u>	<u>PORTION</u>	<u>TEMP (F)</u>	<u>BATCH/HR</u>	<u>BCH-30E PER LOAD QTY</u>	<u>BCH-30E PER LOAD PORTIONS</u>	<u>BCH-40E PER LOAD QTY</u>	<u>BCH-40E PER LOAD PORTIONS</u>
<b>BREAKFAST FOODS</b>							
Bacon	3 slices	350	12	2 lbs.	10	3 lbs.	15
Eggs							
- Boiled-Hard	1 egg	225	5	50 eggs	50	75 eggs	75
- Boiled-Soft	1 egg	225	8	50 eggs	50	75 eggs	75
- Fried	1 egg	400	4	30 eggs	30	45 eggs	45
- Poached	1 egg	225	5	36 eggs	36	60 eggs	60
- Scrambled	1-1/2 eggs	300-200	1	18 gal.	720	28 gal.	1100
French Toast	3 slices	450	7	35 slices	12	50 slices	17
Regular Oatmeal	½ cup	250	2	20 lbs. (100 cups)	500	40 lbs. (200 cups)	1000
Pancakes	2 each	400	10	30 ea.	15	50 ea.	25
<b>FISH</b>							
Clams	1 pt.	400	10	10 qts.	20	15 qts.	30
Fish Cakes	2 - 3 oz.	400	5	70 - 3 oz.	35	110 - 3 oz.	55
Haddock Fillet	4 oz.	400	4	60 - 4 oz.	60	90 - 4 oz.	90
Halibut Steak	5 oz.	450	3	60 - 4 oz.	60	90 - 4 oz.	90
Lobster	1 - 1 lb.	350	4	20 - 1 lb.	20	30 - 1 lb.	30
Swordfish	5 oz.	450	3	50 - 5 oz.	50	75 - 5 oz.	75

<u>ITEM</u>	<u>PORTION</u>	<u>TEMP (F)</u>	<u>BATCH/HR</u>	<u>BCH-30E PER LOAD</u>		<u>BCH-40E PER LOAD</u>	
				<u>QTY</u>	<u>PORTIONS</u>	<u>QTY</u>	<u>PORTIONS</u>
<b>SAUCES, GRAVIES, SOUPS</b>							
Brown Gravy	1 oz.	350 - 200	2	18 gal.	2300	35 gal.	4500
Cream Sauce	2 oz.	250 - 175	1	18 gal.	1150	35 gal.	2250
Cream Soup	6 oz.	200	1	18 gal.	375	35 gal.	725
French Onion Soup	6 oz.	225	1	18 gal.	350	35 gal.	700
Meat Sauce	4 oz.	350 - 200	1	18 gal.	575	35 gal.	1100
<b>VEGETABLES</b>							
<b><u>CANNED</u></b>	3 oz.	400	6	30 lbs.	125	45 lbs.	200
<b><u>FRESH</u></b>							
Beans, Wax, Green	3 oz.	400	3	25 lbs.	125	50 lbs.	250
Beets	3 oz.	400	1	30 lbs.	125	60 lbs.	300
Broccoli	3 oz.	400	3	25 lbs.	125	40 lbs.	200
Cabbage	3 oz.	400	5	20 lbs.	80	30 lbs.	125
Carrots	3 oz.	400	2	35 lbs.	150	70 lbs.	300
Cauliflower	3 oz.	250	5	15 lbs.	75	25 lbs.	125
Corn	1 ear	400	8	50 ears	50	75 ears	75
Potatoes	3 oz.	400	2	40 lbs.	200	60 lbs.	300
Spinach	4 oz.	250	10	6 lbs.	25	9 lbs.	35
Turnips	4 oz.	400	2	20 lbs.	100	30 lbs.	150
<b><u>FROZEN</u></b>							
Beans, French Green	3 oz.	400	6	15 lbs.	60	22-1/2 lbs.	90
Lima Beans	3 oz.	250	4	15 lbs.	60	22-1/2 lbs.	90
Broccoli	3 oz.	400	8	12 lbs.	50	18 lbs.	75
Sliced Carrots	3 oz.	250	6	15 lbs.	60	22-1/2 lbs.	90
Small Whole Carrots	3 oz.	250	3	15 lbs.	50	22-1/2 lbs.	90
Corn	3 oz.	250	18	15 lbs.	50	22-1/2 lbs.	90
Small Whole Onions	3 oz.	250	7	15 lbs.	50	22-1/2 lbs.	90
Peas	3 oz.	400	10	15 lbs.	75	22-1/2 lbs.	110
Spinach	3 oz.	400	3	15 lbs.	75	22-1/2 lbs.	110

<u>ITEM</u>	<u>PORTION</u>	<u>TEMP (F)</u>	<u>BATCH/HR</u>	<u>BCH-30E PER LOAD</u>		<u>BCH-40E PER LOAD</u>	
				<u>QTY</u>	<u>PORTIONS</u>	<u>QTY</u>	<u>PORTIONS</u>
<b>DESSERTS, PUDDINGS, SWEET SAUCES</b>							
Butterscotch Sauce	1 oz.	200	1	18 gal.	2300	35 gal.	4500
Cherry Cobbler	3 oz.	200	1	18 gal.	750	35 gal.	1500
Chocolate Sauce	1 oz.	200	1	18 gal.	2300	35 gal.	4500
Cornstarch Pudding	4 oz.	200	1	18 gal.	575	35 gal.	1100
Fruit Gelatin	3 oz.	250	2	18 gal.	750	35 gal.	1500
<b>MEAT-POULTRY</b>							
Bacon	3 slices	350	12	2 lbs.	10	3 lbs.	15
<b><u>BEEF</u></b>							
Amer. Chop Suey	6 oz.	400 - 225	2	18 gal.	350	35 gal.	700
Beef Stew	8 oz.	300	-	18 gal.	280	35 gal.	560
Corned Beef Hash	5 oz.	400	5	16 lbs.	50	25 lbs.	75
Cheeseburger	3 oz.	300	12	7 lbs.	35	10 lbs.	50
Hamburger	3 oz.	300	15	7 lbs.	35	10 lbs.	50
Meatballs	1 oz.	400-225	3	12-1/2 lbs.	65	18 lbs.	100
Pot Roast	2 oz.	350-200		120 lbs.	500	180 lbs.	750
Salisbury Steak	5 oz.	400	3	16 lbs.	50	24 lbs.	75
Sirloin Steak	6 oz.	400	5	15 lbs.	40	22-1/2 lbs.	60
Swiss Steak	4 oz.	300-200	1	25 lbs.	110	40 lbs.	160
<b><u>CHICKEN</u></b>							
Pan Fried	2-1/4's	350	3	50 pieces	25	80 pieces	40
Whole	2 oz.	350-200		16 - 5 lbs.	200	24-5 lbs.	265
<b><u>FRANKFURTERS</u></b>							
Grilled	2 oz.	300	8	22 lbs.	176	33 lbs.	264
Boiled	2 oz.	250	12	16 lbs.	128	25 lbs.	200
<b><u>PORK</u></b>							
Ham Steak	3 oz.	400	8	10 lbs.	50	15 lbs.	75
Sausage Links	3 links	350	7	30 lbs.	120	45 lbs.	180
Pork Chops	5 oz.	350	4	15 lbs.	50	25 lbs.	75

<u>ITEM</u>	<u>PORTION</u>	<u>TEMP (F)</u>	<u>BATCH/HR</u>	<u>BCH-30E PER LOAD</u>		<u>BCH-40E PER LOAD</u>	
				<u>QTY</u>	<u>PORTIONS</u>	<u>QTY</u>	<u>PORTIONS</u>
<b>MEAT-POULTRY (continued)</b>							
<b><u>TURKEY</u></b>							
Off Carcass	2 oz.	400-200	–	3 26-30 lbs.	200	4 26-30 lbs.	275
On Carcass	2 oz.	400-200	–	4 16-20 lbs.	175	6 16-20 lbs.	265
<b>MISCELLANEOUS</b>							
Grilled Cheese Sandwich	1 sandwich	400	8	35 sandwiches	35	50 sand.	50
Macaroni & Cheese	8 oz.	200	2	18 gal.	300	35 gal.	525
Rice	4 oz.	350-225	1	20 lbs. raw	320	40 lbs. raw	650
Spaghetti	4 oz.	350-225	2	8 lbs. raw	200	12 lbs. raw	300

## **7.0 MAINTENANCE**



**WARNING :** The tilting braising pan and its parts are hot. Use care when operating, cleaning and servicing the tilting braising pan.



**WARNING:** Disconnect electrical power supply and place a tag at the disconnect switch to indicate that you are working on the circuit before performing any maintenance.

## **HYDRAULIC SYSTEM**

The hydraulic system has been adjusted and tested at the factory and no further adjustment should be needed. If the unit fails to operate properly, all service work must be performed by a qualified service agent.

## **MAINTENANCE**

1. Hot oil in the Hydraulic System is one of the primary causes of poor operation. When the tilt system is not in use turn power switch off.
2. Inspect hydraulic hoses for wear and aging.
3. Check that fluid levels are kept full.
4. To replace oil, fill through filler breather.
5. Use proper oil as specified by factory. TYPE: AWH32 or equivalent.
6. Set up regular schedule for checking the oil temperature, hydraulic hoses and keeping the equipment clean. A thick layer of dirt acts as an insulation and prevents the hydraulic system from cooling properly.
7. Check the cleanliness of the oil strainer inside the reservoir once per year. This item can be washed in clean Varsol.
8. Change the breather filter once per year.
9. Change the oil once every two years.

## **8.0 ADJUSTMENTS AND CONTROLS:**

### **ADJUST PAN SPEED**

There are three controls available on this power unit. The first is an adjustable relief valve mounted into the custom aluminum manifold block. The other two control the linear speed of the actuator.

### **RELIEF VALVE**

The relief valve is located underneath an aluminum hexagon cover on the side of the custom manifold block. This relief valve is factory set to 825 P.S.I. and locked and should not be adjusted.

If adjustments are necessary, remove the hexagon cover, which will give access to the relief valve screw. With the pump running, and with a suitable flat blade style screwdriver, rotate the screw clockwise to increase pressure, and counterclockwise to decrease pressure. While this operation is being carried out some oil will leak down the threads of the adjusting screw.

To obtain the pressure required, a pressure gauge will have to be located in the circuit. The best location is on the cylinder hose. To set the pressure, energize the solenoid to extend the cylinder fully and thus "deadhead" the system. The pressure can be set as indicated above. When adjustment is complete, replace the hexagon cover. This will seal the relief valve area. The actual factory set pressure is noted on the label and should not be exceeded as this affects the HP draw on the electric motor.

### **FLOW CONTROL**

There are two flow control valves mounted on the power unit and located on the solenoid valve subplate. The flow control valves will restrict the capacity of oil passing through them when the knurled knob is screwed in - in a clockwise direction. This action will reduce the linear speed of the cylinder. Turning the flow control valve adjustment in the opposite direction - counterclockwise, will increase the speed of the cylinder. One flow control valve (right side) will allow adjustment of the extension speed (travel speed should be set at minimum 20 seconds), the other (left side) the retraction speed. (Retraction speed should be set at minimum 10 seconds).

### **IMPORTANT**

It should be noted that if the cylinder speed is restricted by the flow control valves, the balance of oil not delivered to the cylinder will go over the relief @ 825 P.S.I. which will cause unwanted heat in the reservoir.

## **9.0 TROUBLESHOOTING**

### **BRAISING PAN:**

HEATING ELEMENTS DO NOT COME ON:

1. Power supply not "ON".
2. Pan not in down position.
3. Defective limit switch.
4. Defective thermostat.
5. Defective elements or loose terminals.
6. Defective contactors.

BRAISING PAN WILL NOT OPERATE (UP OR DOWN):

1. Power supply not "ON".
2. Defective UP/DOWN switch.
3. SEE TROUBLESHOOTING - HYDRAULICS (below).

### **TROUBLESHOOTING - HYDRAULICS:**

1) DIRTY OIL:

- a) Components not properly cleaned after servicing.
- b) Inadequate screening in fill pipe.
- c) Air breather left off.
- d) Filter dirty or ruptured.

2) FOAMING OIL:

- a) Return of tank line not below fluid level.
- b) Fluid contamination.
- c) Suction leak to pump.

3) MOISTURE IN OIL:

- a) Fill pipes left open.
- b) Moisture in cans used to replace oil in tank.
- c) Extreme temperature differential.

4) OVERHEATING OF SYSTEM:

- a) Continuous operation at relief setting.
- b) Excessive slippage or internal leakage.
- c) Fluid viscosity too high or low.
- d) Hose I.D. too small causing high velocity.
- e) Improper air circulation around reservoir.
- f) System relief valve set too high.
- g) Power unit operating in direct sunlight or ambient temperature is too high.

5) PUMP MAKES EXCESSIVE NOISE:

- a) Check for vacuum leaks in suction line.
- b) Vacuum leak at pump shaft seal.
- c) Check alignment with drive mechanism. Misalignment will cause wear and subsequent high noise level operation.
- d) Relief valve set too high.
- e) Aeration of fluids in reservoir (return line above fluid level).
- f) Worn cam ring, damaged gear or faulty bearing.
- g) Reversed rotation.
- h) Plugged lines.
- i) Oil viscosity too high or temperature too low.
- j) Loose or worn pump parts.

Pump housing bolts loose or not properly torqued. .

6) SOLENOID VALVES:

- a) Voltage too low.
- b) Short circuit, open connection.
- c) Wrong voltage.
- d) Foreign matter in fluid causing valves to stick or plug.

Proper Shipping Name: Hydraulic System Fluid, Other Than Petroleum  
WHMIS Hazard: Not Controlled  
TDG Hazard Class: Non-Hazardous  
Hazard Number: Not applicable  
Chemical Family: Mixture  
Completed By: J. Pajak  
Telephone Number: 1-416-763-4691  
Facsimile Number: 1-416-763-3167  
DUNS Number: 20-167-2573

## **SECTION II - HAZARDOUS COMPONENTS**

<u>Material Description</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazard</u>
-----------------------------	----------------	----------------	---------------

This product contains no known hazardous components under current OSHA, ACGIH, WHMIS or the IDL regulations.

## **SECTION III - PHYSICAL DATA**

Boiling Point (Degree Fahrenheit) : >300  
Specific Gravity (Water = 1) : 0.91  
Vapour Pressure (mmHg) : <1  
Evaporation Rate (BuAcr = 1) : <1  
Vapour Density (Air = 1) : >1  
Percent Volatile : Nil  
Soluble in Water : Insoluble  
pH Neat : Not Applicable  
Appearance and Odour : Slightly hazy amber liquid with a bland odour.

## **SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Degrees Fahrenheit) : 520  
Method Used : C.O.C.  
LEL : Not Determined  
UEL : Not Determined  
NFPA Classifications, Health : 1  
Fire : 1  
Reactivity : 0

Extinguishing Methods : Carbon dioxide, foam, dry chemical

Special Fire Fighting Instructions : None required

Unusual Fire and Explosion Hazards: None

## **SECTION V - HEALTH HAZARD INFORMATION**

Threshold Limit Value (TLV) and Permissible Exposure Limit (PEL): See Section II - Hazardous Components

Primary Routes of Exposure - Eyes, skin, inhalation.

**Chronic or Recurrent Effects:** Unknown for this product.

**Acute Effects:**

**Inhalation:** No significant effects known.

**Skin:** May be a mild irritant on prolonged contact.

**Eyes:** Mild irritant

**Ingestion:** No significant effects known.

### **\*\*\* First Aid \*\*\***

**Inhalation:** Not applicable.

**Skin:** Wash with soap and water. Remove contaminated clothing and launder before reusing.

**Eye:** Flush with water for 15 minutes. Consult physician.

**Ingestion:** Induce vomiting. Give liquids. Consult physician. Product contains fatty acid ester.

**Note to Physicians:** No specific antidote known. Based on individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical conditions.

## **SECTION VI - REACTIVITY DATA**

Stability: Stable [X], Unstable [ ]

Incompatibility (Materials to Avoid): Strong Oxidizers

Hazardous Decomposition Products: Thermal, Oxides of Carbon

Hazardous Polymerization: May Occur: [ ], Will Not Occur [X]

## **SECTION VII - SPILL OR LEAK PROCEDURES**

Potential as a Pollutant: Not considered a pollutant if effective waste disposal methods are utilized. Keep out of sewers and streams.

Spill, Leak or Release: Apply dry absorbent material and sweep up.

Waste Disposal: Follow pertinent regulations for disposal. It is the responsibility of the product user to determine, at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

### **SECTION VIII - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Not required.

**Ventilation:** General workplace ventilation is satisfactory

**Protective Gloves:** Rubber if skin is sensitive.

**Eye Protection:** Safety goggles or safety glasses with side shields.

**Other Protective Equipment:** Eye wash and safety shower recommended.

### **SECTION IX - SPECIAL PRECAUTIONS**

**Storage and Handling:** Keep containers closed when not in use. Avoid contact with strong oxidizers. Wash thoroughly after handling.

### **ADDITIONAL PRODUCT INFORMATION**

**Carcinogens as Defined By:** NTP: None  
IARC: None  
OSHA: None

**Cercla Reportable Quantity (lbs.):** None

**RCRA Hazardous Waste Number:** Not Applicable

**CEPA:** All components of this product are listed on the Domestic Substances List (DSL) as encoded in the extract of the Canada Gazette, Part I.

**SARA, Title III, Section 313:** This product contains no toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

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