

## Operation

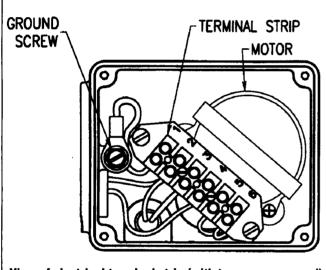
Lubricator includes a motor-driven, spring discharge piston pump. Pump cycle time is fixed by an integral gear reduction motor, which runs continuously when powered. Lubricator can be actuated manually by raising and releasing the manual feed knob.

#### Installation

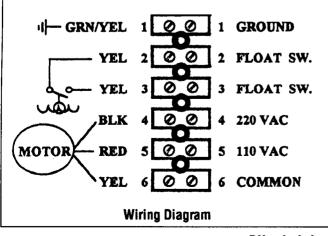
Lubricator drive motor operates on either 110V AC or 220V AC power input voltage, 50/60 Hz.

Liquid level and pressure switches operate on 24V DC direct current voltage.

See Electrical Diagram for all electrical connections.



View of electrical terminal strip (with top cover removed)



## SERVICE INSTRUCTION SHEET

TMD-5 Lubricator with 1.8 Liter Reservoir

Bridgeport, Part No. 26062

#### Oil

Use only a clean oil of the type and viscosity recommended by the machine manufacturer and approved by Bijur. Use of an unapproved oil may result in system malfunction.

#### Starting a New Machine

Fill reservoir with approved oil and operate lubricator manually until oil flows freely at all bearings.

#### **Liquid Level Switch**

This lubricator is equipped with a liquid level switch. The switch will open an electrical circuit whenever the oil in the reservoir is **below** the minimum operating level. Thus, when connected to a monitoring circuit device, the liquid level can be monitored. (Switch not intended to power lamp or motor turn-off directly).

## **Maintenance**

Check oil level daily and refill with approved oil.

REPLACE SYSTEM FILTER ANNUALLY OR AS FREQUENTLY AS NECESSARY.



Before performing service to lubricator, always turn off and disconnect electrical power.



Warning: When connecting lubricator, make sure that unit is securely and adequately grounded. Failure to ground properly may cause serious injury.



## **Service Parts**

Order by part number and name shown on table. Include complete lubricator part number and serial letters as shown on nameplate. For major repairs requiring parts not identified on the drawing, return the lubricator for factory rebuilding and adjustment. If a new lubricator is required for replacement, order by part number shown on nameplate.

#### **Filter Replacement**

A suction filter at pump inlet protects the lubricating system and should be inspected every six months. If not clean, replace. To remove filter, slide spring clip off and remove filter disc and screen. To re-install, insert in the following order: screen, filter disc (felt), and spring clip.

## **Motor Replacement**

Remove motor cover and the motor mounting screws. To reassemble, be sure slot in motor shaft engages with pin in drive shaft before replacing screws.

To order replacement motor, order by part number shown on table below. Include voltage, lubricator part number and serial numbers.

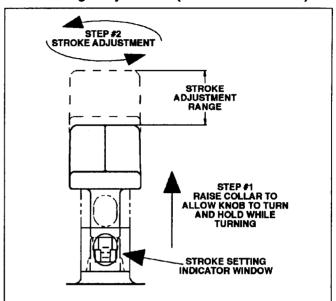
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# **Discharge Adjustment (Manual Feed Knob)**



To decrease discharge output, follow steps and turn clockwise to desired setting.

To increase discharge output, turn counter-clockwise.

ltem	Part No.	Description
1	20577	Spring Clip
2	B3747	Filter Disc
3	B3746	Filter Screen 166
4	20324	Reservoir 10 146 Manual Feed Knob
5a	20256	l evel Switch Assembly
5b	20256-1	Level Switch Assembly PORT
6	22285	Filler Screen
7	24278-2	Motor/Lubricator 26062 74 22.5 43 5/16-24 DISCHARGE
		SWITCH OPEN AT LOW LEVEL OR 169.5  SBUTTON  LEVEL OR 169.5
Dimens	sions from f	ont to back = 131mm  SWITCH CLOSED AT LOW LEVEL

Illustrations and specifications are not binding in detail. Designs are subject to modification and improvement without notice.

Bijur Lubricating Corporation
A Subsidiary of Vesper Corporation

Tel: 1-802-447-2174 • Toll Free: 1-800-631-0168 • Fax: 1-802-447-1365

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Form No. 26394 (1/98)