

Belvac Production Machinery Technical Bulletin

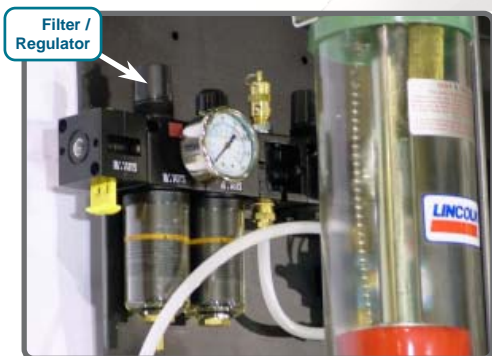
Information for Customers Operating and Maintaining Belvac Machines

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Lubricator Setting for Belvac's 440/475/480 Waxer Pump Supply

Customer input concerning "slippery," hazardous conditions have been encountered in the vicinity of the integrated waxer: specifically around the pump and filter-regulator-lubricator (F/R/L) units. This technical bulletin will outline some of the typical causes and solutions for excessive lubricant in this area.

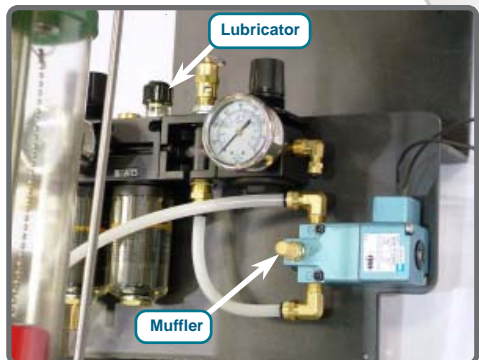
Belvac's integrated waxer is supplied by a pneumatic Lincoln Lube pump. The air supply to the pump is regulated through an F/R/L and solenoid as shown below:



The function of the lubricator is to ensure the piston seal in the Lincoln pump is adequately lubed for long cycle life. The lubricator will deliver no oil when its adjustment knob is set fully clockwise. The proper knob setting of the lubricator is 3/4 revolution counterclockwise from the fully closed condition.

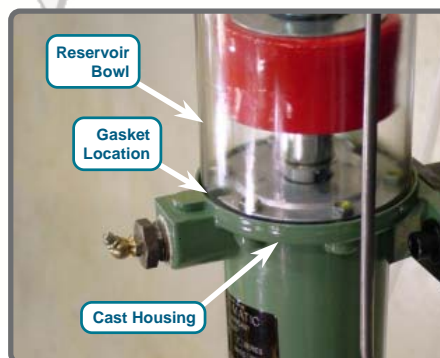
Providing too much lubricant from the F/R/L does not negatively affect the pump; however it can create a slip hazard for operators around the infeed of the machine. Excessive lube is expelled through the exhaust muffler on the solenoid valve when the lube cycle event is completed.

If lube is being exhausted through the muffler, decrease the supply by fine-tuning the control knob in the clockwise direction.



Some customer locations have experienced leakage between the pump reservoir bowl and the cast pump housing. Imperfections in the reservoir bowl mating surface, in conjunction with low viscosity fluids (light mineral oil neck lube) could provide a leak path for lube from the pump reservoir. A 75/80 durometer gasket is provided between the pump reservoir and the cast pump

housing as standard by Lincoln. If leakage is experienced here, a softer gasket (part number C10129) is available at Belvac upon request.



Contact Belvac Sales or Service Representatives for additional information.
All Belvac Technical Bulletins may be viewed on Belvac's web site, www.belvac.com.

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