



Belvac Production Machinery Technical Bulletin

Information for Customers Operating & Maintaining Belvac Machines

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POTENTIAL LUBE INJECTOR FAILURE: SL-33 SETTING CHANGE

Belvac has been advised by Lincoln Lubrication Systems that the traditional setting of the injectors may be insufficient to ensure the minimum grease volume is effectively supplied across the entire range of SL-33 injectors commonly found on Belvac's trimmer and necking system automatic lubrication systems. Traditional setting of the barrel for a minimum volume output was 0 - 0.5 turns of the barrel off the body for 0.001 in³ volume. Due to variations on piston fits and spring tensions Lincoln reports this is not sufficient for the overall population of SL-33 injectors.

Note that the maximum volume output setting of 3.0 turns of the barrel off the body is sufficient for 0.003 in³ volume: *this specification remains unchanged.*

THE NEW SETTING FOR MINIMUM VOLUME IS:

- **1.5 TURNS OF THE BARREL FOR 0.001 IN³ VOLUME**

Please make the necessary arrangements to have this revised setting verified on appropriate machinery in accord with volume requirements specified in your machine manuals. For example, cam followers on 595K machinery are set with the 0.001 in³ volume requirement and will have to be revised in accord with the new setting, whereas the ram bushings are set with a 0.003 in³ volume, and do not have to be changed.

Contact Belvac Service Department with further inquiries on this matter.