



TECHNICAL SERVICE BULLETIN

Bulletin Number: DC-2236

Date: 9/18/2008

**Affected Model(s): 3" PMV Grease Pumps
Bare Pumps-85792/V350120000/V350400000
Associated Configured Models**

Subject: Outlet Body/Pump Tube Torque Settings

Isolated incidents have been reported regarding Lincoln's 3" PMV grease pumps. Reports indicate that the outlet body and pump tubes are "pulling apart", or "separating" from each other. These reports prompted a quick review of returned samples and all on hand inventory. It was confirmed by Quality Assurance and Engineering that we had variations in torque settings. All on hand inventory has been pulled and reworked accordingly to the specified torque settings. Remember to reinforce the fact that hundreds of these 50:1 PMV grease pumps have been sold without problems at all. This issue is limited to a single manufacturing run where we had an electronic torque meter malfunction. Due to this issue we have now added a second torque validation by a mechanical torque meter to make sure that the appropriate torque setting is achieved. Based on our testing, confidence in this pump line remains high and we see no evidence of any design issues contributing to the reported issues.

The reported issues were found to be limited to units that were produced prior to November, 2007. They are identified with our date codes prior to MM/XN (11/07). Please see [Fig. 1](#) for details of our date coding system. It is commonly referred to as the "MERCHANTSX" date code system. If you have any trouble identifying the date code on your pumps, please feel free to contact us. The date code is located on the upper flange of the outlet casting ([see Fig. 2](#)).

We suggest that you review your on hand inventory and discuss the issues with your users. The proper torque setting on these pumps is 160 ft. lbs. Our testing identified the fact that torque values were all across the spectrum. Anything tested that was tightened to under 80 ft. lbs. would seem to separate, or pull apart as the pump operated normally-pumping, stopping and stalling. Threads on the outlet body became distorted and in most cases could not be retightened to the proper torque value. The

outlet body is part number 275065 and they are currently available from stock. Warranty will be paid for you efforts to review and repair all pumps in the field with the date code parameters listed above (basically 1/07-10/07). Please use your best judgment in determining the course of action to take with your individual customers.

If you have questions or concerns, please do not hesitate to call Lincoln Technical Services at 314/679-4200, ext. 4782, or fax us at 314/679-HELP (4357).

Regards,

Barry Frankum

MERCHANTSX Date Code System

Alpha	M	E	R	C	H	A	N	T	S	X
Numeric	1	2	3	4	5	6	7	8	9	0

Example: MM/XN =November, 2007 or 11/07

1=M 1=M / 0=X 7=N

Fig. 1

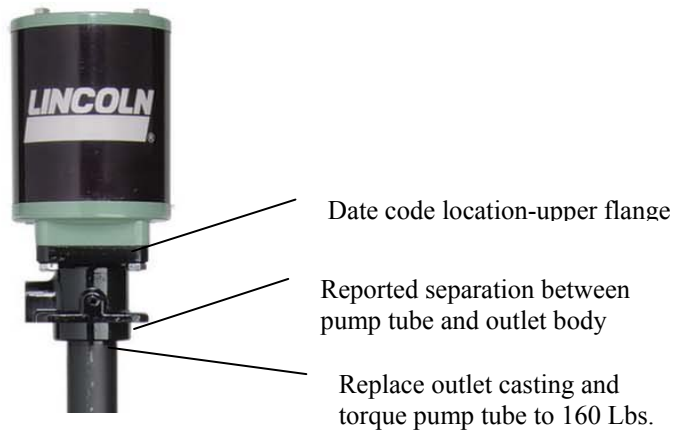


Fig. 2

