



G. P. Reeves Inc.
12764 Greenly Street
Holland, MI 49424 USA

**Serving industry since
1971**

Trapped air in grease metering systems is a major problem that can cause inaccurate metering that can lead to serious production and warranty expense.

Air trapped in grease may have cost Ford more than ten million dollars



To see what happened to Ford, click here
http://consumeraffairs.com/recalls04/2005/ford_wipers.html

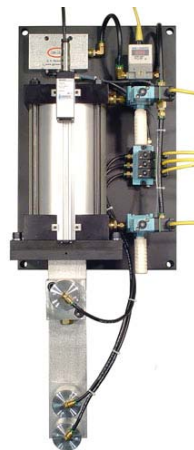
To see what it probably cost Ford, click here
<http://gpreeves.com/tenmillion.html>

Six Sigma, ISO 9000, QS 9000, TQM, and Kaizen all need **AIRLESS GREASE**

AIRLESS GREASE Reduces or eliminates part rejects.

AIRLESS GREASE saves grease. No need to dispense more grease every time just to have enough grease when air is entrained.

AIR DETECTION assures that the correct amount of grease is applied



- Seat tracks
- Latches
- Window Slides
- Steering Mechanisms
- Drive shafts
- Power door mechanisms
- CV joints
- Bearings
- Sunroof guides
- Door detents
- Terminals
- Liftgate mechanisms
- Brake parts
- Safety devices
- Power seat components
- Electrical Connectors



United States patent 6,053,285
April 25, 2000

Inventors: Reeves; Gordon P.
Assignee: G. P. Reeves Inc.



G. P. Reeves detects and removes air from grease

Abstract of our patent: A device for detecting undesired amounts of gas in a lubricant dispensing system includes a measuring chamber connected to a lubricant dispensing system and configured to receive lubricant therefrom, a moveable rod located at least partially inside the measuring chamber, an actuator operably connected to the measuring chamber and adapted to create at least a partial vacuum in the measuring chamber as the measuring chamber fills with lubricant, and a sensor for detecting a rate of compression or expansion indicative of undesired levels of gas in the lubricant by sensing movement of the moveable rod when the lubricant enters the measuring chamber. The device is constructed to dump charges of lubricant having unacceptable levels of entrapped air, and further includes an adjustment mechanism permitting adjustment without unnecessarily dumping lubricant in the measuring chamber.

Detect air before grease is dispensed to meet quality standards and production goals

Air detection and automatic removal also helps meet environmental quality standard ISO 14001

Removing air ensures that every shot of grease is the correct volume

For more information about our equipment for dispensing grease onto production parts, please visit our web site at <http://gpreeves.com> or contact us at 888-399-8893.

For information about how we detect air, click here:
<http://gpreeves.com/cat/cat-patent.pdf>