

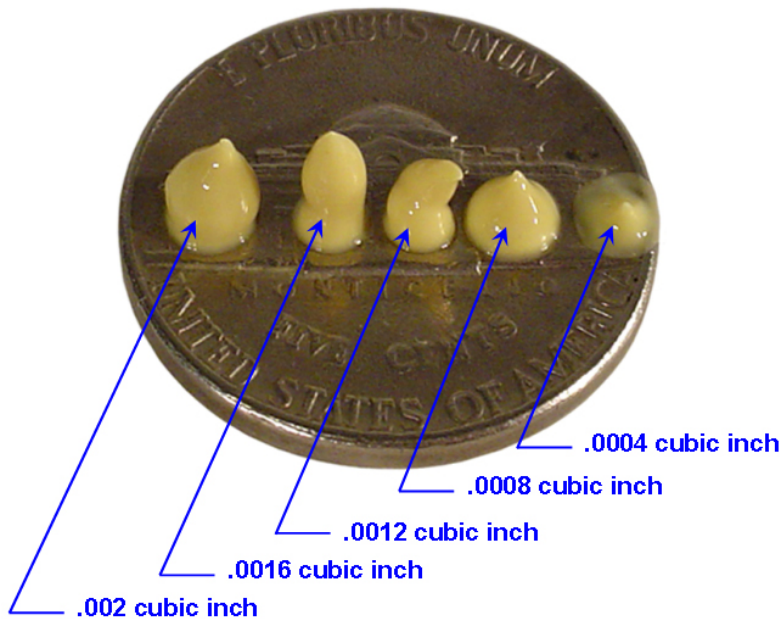


G. P. Reeves Inc.
 12764 Greenly Street
 Holland, MI 49424 USA

**Serving industry since
 1971**

PRECISION PRODUCTION GREASE DISPENSING

Grease on a US Nickel



We also grease

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



Window Mechanism



Back-plate

NOTE: Grease was applied on the nickel with the GPMD1201 dispenser shown below.



What you see could not have been accomplished with normal grease that contains trapped air bubbles.

OUR SYSTEMS

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

Remove air to ensure that every shot of grease is the correct volume

Remove air to meet environmental quality standard ISO 14001

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.

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>