



Flexan

Heavy Duty Truck

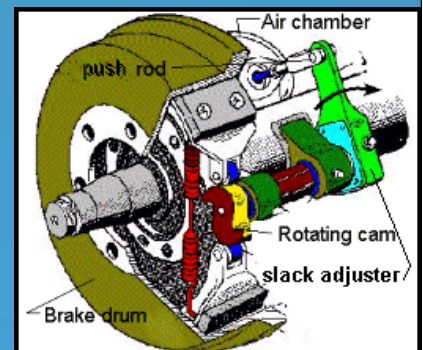
In the heavy duty truck segment Flexan manufactures a variety of critical rubber components including parts for air brakes and transmissions.

- Currently Flexan makes valves and seals for truck transmissions. These rubber components control the flow of fluid and air and prevent leakage.
- The seats that Flexan makes for airbrakes are metal bonded to rubber and provide for both strength and durability at pressure and temperature.
- Flexan specializes in the bonding of rubber to substrates and customizing compounds to be resistant to temperature, pressure, and fluids.



For more information please contact your local Flexan Sales Representative or Sales Manager Brian Barhorst at 773-685-6446.

www.flexan.com





Flexan

Problem Solving Pedigree

For more than thirty years Flexan has been creating custom material and engineering solutions for the challenges created by the heavy truck industry.

- Customized high performance elastomers work to create fuel system components with excellent permeation resistance.
- Hydraulic applications for fuel pumps and solenoid valves are designed to improve both efficiency and performance.

Solutions

- Developed an entire suite of new materials for a commercial brake manufacturer while increasing part performance and holding costs constant.
- Through material development, improved the life expectancy of rubber parts 15-25% for a heavy equipment manufacturer.

Common materials used by Flexan Engineers for heavy truck applications include:

- ❖ Highly saturated nitriles
- ❖ Fluorocarbon (FKM)
- ❖ Silicone and Fluorosilicone

