

# Success Story

Application: Test Flush Cell

Industry Classification: Automotive



**Background:** A manufacturer of automotive rear transmissions was seeking an alternative to keeping its fluid clean in a 'test flush cell'. The existing system consisted of a single tank, pump, and hydraulic filter. The problem with the existing system was the cost of maintaining the hydraulic filter which was costing \$170 per day, excluding the cost of labor.

**Solution:** Install an EasyClean Duplex Automatic filter including an additional tank and pump. From the existing dirty tank, fluid is pumped through the EasyClean filter fitted with 50 micron filter elements. The fluid is then discharged into a clean tank where the existing pump delivers clean fluid to the test cell.

Application Details:

Flow Rate: 20 gpm  
Micron Rating: 50 micron

Filter Specifications:

Filter: EasyClean Duplex

**Results:** The manufacturer has maintained the cleanliness of the fluid and is currently saving \$170 in disposable media costs per day. The estimated savings are providing a pay back of less than three months. The customer is purchasing a second unit for its other test cell.

**Date:** September 2001