

## Steering Pump Test System

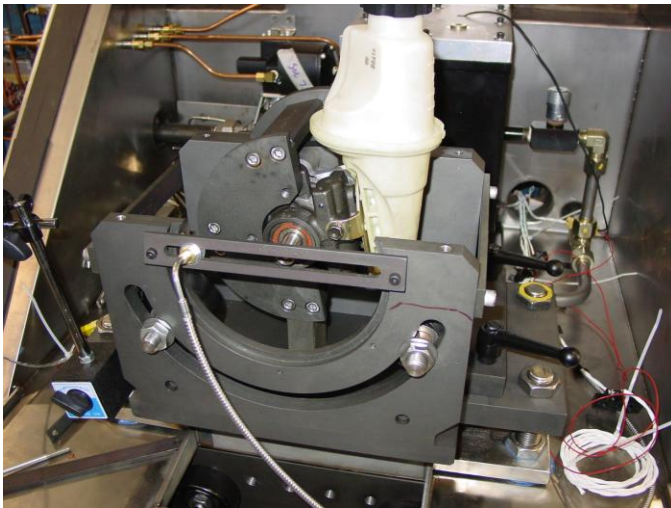
### Custom designed two station system

#### Description:

This machine consists of two independent Lab View based test stands with environmental chambers and a common conditioning source.

#### Capability:

- Simulates real time pump conditions
- ATF temperature control
- Flow control
- Pressure control
- Pump torque control
- Noise development
- 3-axial acceleration
- Environment temp control



Pump assembly with an integrated reservoir



#### Features:

- 0-10000 RPM
- 120 Nm torque
- 150 deg C ATF temperature
- -60 to 150 deg C environment
- Belt mounting similar to that of a car

#### HMI:

- Lab View programming
- NI Real Time control
- 3 PC control mode