

They Use Force Control Load Brakes



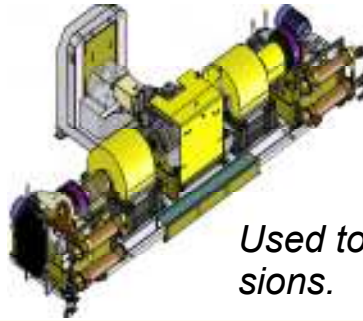
F-22 Gearbox Test Stand

- 32 lb-ft. Brake
- 20 Thermal Horsepower
- 3600 RPM
- S-Beam Load Cell

Used to test the F-22 main and side weapons gearbox



Transmission Test Stand



- (2) 7,000 lb-ft Brake
- 300 Thermal Horsepower 3300 RPM

Used to test rebuilt military transmissions.



Axle Test Stand

- TB-10, 554 ft-lb, 100 RPM 10 THP
- TB-03, 72 ft-lb, 3600 RPM, 5 THP

Front Axle Testing



Large Truck Chassis Test Stand



- 2) TB-85 Positorq Brakes
- 28,000 ft-lb,
- 1000 RPM,
- 600 Thermal Horsepower

Force Control Industries, Inc

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Positorq[®] Oil Shear Load Brakes

Positorq[®] Oil Shear Dynamometer Load Brakes Provide:

- Quick Response
- Proportional Linear Torque Control
- High Torque at Low Speed
- No Chatter Down to 0 RPM
- Quiet—Less Than 20 dB
- Compact Size—Direct Axle Mount
- Extremely Long Service Life
- Near Zero Hysteresis

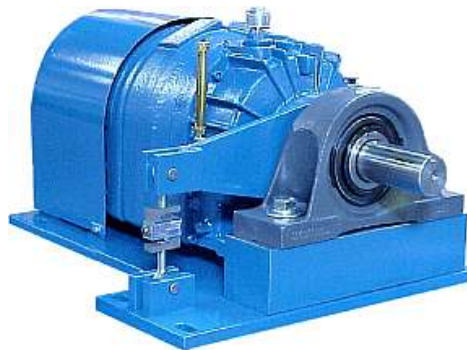
Load Brake Ratings

- 70 Lb. Ft. to 118,000 Lb. Ft.
- 0 RPM to 5,000 RPM
- Up to 3,000 HP

- John Deere
- Allison Engine
- Caterpillar
- MTS Systems
- Eaton Corporation
- MTD Company
- Rolls-Royce
- Nissan
- Borg Warner
- US Army
- US Air Force
- Professional Aircraft



*Whether it's testing the most complex aircraft system or tractor transmissions; Force Control has the products for your testing requirements. Our patented **high-torque, low-speed** Positorq brake is used to simulate real world environments.*



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