



Donaldson.
FILTRATION SOLUTIONS

LIQUID FILTRATION

Design Validation / Field Testing



Diesel Engine Test Cells

- Test cell locations: Bloomington, MN (4) and Leuven, Belgium
- Up to 600 kW / 800 hp capability
- Measurement of gaseous and particulate emissions
- Used oil analysis
- Component durability
- Soot test bench
- 24/7 durability testing
- Web-based test cell monitoring access

Vibration/Shaker

- Multiple benches
- Performance vibration with flow test
- Used to excite hardware to assess durability
- Can apply sine, random, shock or computerized vibration profiles
- Capable of hot or cold tests

Field Testing

- On and off highway
- Heavy-duty
- Tests conducted on both end user and OEM vehicles

Field Data Acquisition

- Real time measurements
- Remote communications
- On-line collection tools
- Review daily, weekly and monthly reports to analyze operational trends

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