The Challenge:
Minimize maintenance costs related to filters and oil, as well as equipment downtime for a variety of applications.

The Solution:
Through intelligent sensing and advanced data analytics, FleetguardFIT enables full visibility of Fleetguard filter and oil life* on your equipment. This scalable, customizable monitoring system allows you to:

- Establish predictive condition-based maintenance and optimize Fleetguard filter/oil spend
- Enable early problem detection to help avoid downtime
- Protect the engine through real-time monitoring
- Purchase as a complete kit (air, fuel, lube & oil condition) or separate kits for each system

*Extending oil drain interval must be authorized by your manufacturer.

Here’s how FleetguardFIT™ works:

- Equipment Hardware: As equipment is in use, integrated sensors gather real-time data on Fleetguard Filters and engine performance.
- Connectivity: Data sent through customer preferred telematics service provider.
- Cloud Platform: Data transmitted to a cloud platform, where it is analyzed and made available to customers through a variety of tools.
- Application: Real-time dashboard on FleetguardFIT portal, where customers can view reports. Mobile app for flagged events and actionable insights. Software as a service for customer and/or OEM portal.
- Maintenance: Based on data, downtime is scheduled only as needed and can be synchronized with other service events, which reduces maintenance time, maintenance hard costs and unplanned downtime.

FleetguardFIT: Filtration Intelligence Technology
The most capable engine oil and filtration monitoring system available today, exclusive to Fleetguard® filters.
Conditioned Based Maintenance
By monitoring your Fleetguard filter and oil life with FleetguardFIT, you can reduce spend on filters and oil by servicing only as needed, synchronize filter and oil change intervals alongside equipment service intervals, and proactively turn break-downs into planned maintenance events.

Web Portal & Mobile App
• Provides complete filtration system information on installed applications
• Provides proactive actionable recommendations to prevent potential breakdowns

Industry Leading Hardware
(Individual or multiple sensor kits available)

Air Restriction Indicator
• Sensor monitors restriction (LED indicator optional)
• Color changes based on restriction
• Allows for predictive maintenance

Liquid Differential Pressure Sensor
• Communicates all stages of filter life
• Allows for preventative maintenance

Oil Quality Sensor
• Patented algorithms calculate oil condition and remaining life
• Data then used to potentially extend oil drain intervals and predict oil quality issues

Filtration Monitoring System
• Receives filter sensor data
• Processes data
• Transmits data to a specified cloud

Proven to Lower Operating Costs
Air Filter Restriction Over Time

This customer saved $80,000 in air filter spend and countless hours of additional uptime over the life of the engine! Based on 40k hour life to overhaul and conditioned based maintenance reduction of 80 service events.

For more information, visit CumminsFiltration.com