



TELEMATICS: CHANGING PORTABLE COMPRESSOR MAINTENANCE AS WE KNOW IT

By Nav Sharma



While portable air compressors continue to operate on a preventative maintenance schedule, technology is shifting this pattern. Operators will soon shift to predictive maintenance over preventative maintenance. In other words, users will know when something is going wrong and will have an opportunity to fix it prior to more damage occurring.

As portable compressors continue to increasingly incorporate telematics, and as manufacturers mature their data analytics and maintenance managers and service technicians become more familiar with the technology, the shift will continue to occur.

One example of a low technology predictive maintenance feature already built into Tier 4 Final portable air compressors is incorporated into air filters. The air filters include mechanical air filter maintenance indicators, and aftercooler filters now include mechanical filter status indicator lights which turn red when they need to be replaced. This tells operators when it's time to change the filter, making it likely the service will be completed on schedule.

As telematics and technology continue to grow, expect manufacturers to continue to find even more ways to preemptively maintain your portable air compressors for years to come.