

# KOMTRAX 4.0 Is *The Trick To* TRACKING NEW INTERIM TIER 4 STANDARDS

As engines become cleaner, they also become more complex. Engines that meet interim Tier 4 regulations have new components that users must monitor to comply with emissions standards. The KOMTRAX vehicle monitoring system makes that task easy. KOMTRAX has been upgraded to version 4.0 specifically for interim Tier 4 engines, and comes as a standard, no-cost feature on new Komatsu equipment.

“In addition to the valuable information our previous KOMTRAX systems provide, 4.0 monitors specific elements of the interim Tier 4 standards, taking the guesswork out of compliance,” said Rizwan Mirza, manager of KOMTRAX. For example, a new rule requires users to clean the diesel particulate filter every 4,500 hours. KOMTRAX 4.0 tracks usage and lets owners and operators know when they need to clean the filter.

Other Tier 4 components specifically tracked by KOMTRAX 4.0 include the closed-crank ventilation filter, the exhaust gas recirculation cooler and the Komatsu Variable Geometry Turbocharger.

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While KOMTRAX 4.0 helps owners to keep up with Tier 4 rules, it is also proven to reduce maintenance costs and downtime, and provides greater insight into how machines are being operated. As one of the industry's most valuable and proactive systems, KOMTRAX 4.0 enables development of work habits that save fuel, cut emissions and improve machine performance.

For example, KOMTRAX “can provide details on actual idle vs. working hours and identify fuel consumption

during actual operation compared to when the machine is idling,” Mirza said. Users can even set the parameters of some kinds of monitoring. For example, KOMTRAX can be set to monitor for, and send an alert, any time idling exceeds a specific period, such as 10 minutes.

Compared to previous versions, Mirza said, “KOMTRAX 4.0 offers the same ease of use with additional functionality” including odometer readings, CO2 emissions measurements, and haul cycle and payload tracking for dump trucks.

Aside from machine monitoring, Komatsu's new KOMTRAX 4.0 offers an additional benefit—significantly reducing machine theft. In a recent study by the National Insurance Crime Bureau, Komatsu equipment does not appear among the four most commonly stolen brands. Of the 6,474 heavy-equipment thefts nationwide in 2010—the most commonly stolen being loaders, wheel-type tractors and backhoes—only 28 percent of machines were recovered. Ohio was ranked ninth—with Texas, California and Florida ranked highest—for heavy-equipment thefts.

Don't risk it on either the emissions-compliance or theft fronts ...  
KOMTRAX it today!

