



VOLVO EXCAVATORS WITH ACTIVECARE® DIRECT

Reduce operating costs using real-time data and monthly reports from ActiveCare Direct.



Volvo ActiveCare Direct helps you lower your total cost of ownership (TCO) in two major ways:

1. REMOTE, REAL-TIME DIAGNOSIS

Traditional telematics programs send frequent and confusing fault codes that provide no detail on the cause of the problem or how to fix it, but ActiveCare Direct (ACD) case alerts provide:

- The probable cause
- The diagnosis (in plain language)
- The recommended solution
- The potential consequences of not taking action

This information is shared with the equipment owner and their local Volvo dealer in real time, ensuring that urgent issues can be acted on more quickly and with more clarity. **This all equates to greater uptime and reduced service costs.**

TRADITIONAL FAULT CODE	vs	ACTIVECARE DIRECT
<p>MID: 128, PID: 107, FMI: 0 Air filter pressure drop ECU: Engine ECU Description: Data valid but above normal operational range</p>		<p>Description: Air filter is clogged Possible cause(s): Clogged engine air filter, oil bath filter or defective sensor Symptoms: Low engine power, yellow central warning, alarm sounds 4 times Suggested actions: Clean air filter cartridge, inspect engine air filter and replace if clogged, check and clean oil bath filter, or contact dealer if sensor failed. Dealer contact: JohnDoe@dealer.com</p>

2. MONTHLY REPORTS

ACD monthly reports provide information that empower you to train your operators in ways that can lower your TCO significantly. Examples include:

Misuse of excavator work modes. Help operators understand they can often achieve the same level of productivity in a lower work mode and burn 50% less fuel. ActiveCare Direct automatically flags any excavator that runs in Heavy (H) Mode more than 80% of the time, **saving upwards of \$10,000 per year** per excavator in fuel costs, assuming 1,500-hour-per-year usage.

Idle times. It's not uncommon for an excavator to run at about 50% idle time; however, 25% is a realistic goal with a properly trained operator. Over 5 years of ownership, reducing idle time from just 50% to 33% could **improve resale value by up to \$20,000**, as well as save an estimated \$9,000 on service intervals.

Excavator travel time. In addition to unnecessary undercarriage wear and reduced resale values, excessive travel time can also indicate a problem with your site's setup. ActiveCare Direct monitors your entire fleet (and by individual machine) to help you determine if you need more, smaller excavators to manage the workload, or if your excavating/loading locations and/or haul routes aren't configured efficiently.



EXCAVATOR OPERATOR CHECKLIST

Ensure that your operators use these additional Volvo excavator features to further reduce your TCO.

- ✓ Integrated work modes
- ✓ Auto idling
- ✓ Auto engine shutdown

- ✓ Boom float
- ✓ In-cab Dig Assist
- ✓ ECO mode

Learn more about how ActiveCare Direct simplifies fleet management by contacting your local dealer or visiting

volvo.com/ActiveCareDirect.

VOLVO

Volvo Construction Equipment
volvo.com/na