Cal Amp Predictive Maintenance powered by Noregon

CalAmp Predictive Maintenance powered by Noregon leverages data-driven insights to help fleets predict faults before they escalate, preventing breakdowns, reducing maintenance costs, and maximizing vehicle uptime.

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Predictive Health & Safety Scores

Continuously monitor sensor data from every component on **class 4-8 vehicles**. Color-coded scores provide a snapshot of your vehicle's overall condition based on severity levels, so your team can prioritize critical repairs first.

Action Plan

If vehicle is still operational it should be moved to a safe location as soon as possible to avoid vehicle being disabled in a dangerous location and to prevent further engine component damage. Vehicle should be towed to a repair facility for professional diagnosis and repair.

Action Plans From Expert Technicians

Decrease workshop time by

39% for pre-diagnosed vehicles compared to traditional visits. Manage faults based on input from ASE-Certified technicians, enabling teams to plan repairs proactively, minimizing costs and downtime.



PREDICTIVE

Possible Power and Engine Derate

FAULT

Maximize Uptime and Cost Savings

Reduce **Total Cost of Ownership** by minimizing tows, transfers, and optimizing maintenance procedures. Address performance issues that impact fuel efficiency, emissions, and CSA scores to unlock additional savings.

Predictive Fault Information

Fault Code: SPN 111 FMI: 18

Vehicle Effect: Possible power derate and possible engine shutdown if the Engine Protection Shutdown feature is enabled.

Current fault has a 24% probability of escalating to a more severe fault in 200 miles

Predictive Faults Technology

Detect and respond to issues before they escalate.

23 Performance (Health) Effect

Engine torque may be severely reduced and vehicle speed may be limited to 5 mph after extended engine operation with the fault code active.

25 Safety Effect

The Active Brake Assist, Adaptive Cruise Control, Collision Warning System, Lane Departure Warning will be disabled. Drivers who come to rely on these systems as part of normal vehicle operation may be at a greater risk of having an accident if the systems operate erratically or fail due to system faults.

23 Predicted Health

LERT NAME :	Maintenance Alert	
LERT TYPE :	Select Alert Type	~
LTER :	PM Event	
ISINESS :	Predictive Fault	
	Road Speed Parameter	
	Specific Fault	

Actionable Information

Get actionable details so your maintenance teams can understand and manage all issues in your fleet.

Customizable Alerts for Your Team

Get instant notifications tailored to each level of your organization.



Robust Reporting & Dashboards

Filter vehicles that need attention or access key metrics to improve benchmarking.



Find the Nearest Repair Shops

Track your vehicles on a map and route to nearby repairs shops and points of interest.



Don't wait for breakdowns to happen. Stay one step ahead with CalAmp Predictive Maintenance to reduce service disruptions, maximize vehicle uptime, and unlock significant cost savings.

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