

PRODUCT HEALTH CENTER



LOUISIANA CAT

MY FUEL FILTERS
NEED TO BE REPLACED

I HAVE A LEAKING
HYDRAULIC HOSE

I HAVE WEAR METALS
IN MY ENGINE OIL



EQUIPMENT
MANAGEMENT



PRODUCTIVITY



SAFETY



SUSTAINABILITY



COMMAND

CAT® EQUIPMENT MANAGEMENT SOLUTIONS

PRODUCT HEALTH CENTER

www.LouisianaCat.com | 866.843.7440
SUPPORTING YOUR BUSINESS.

Louisiana **CAT**

CAT® CONNECT SOLUTIONS



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CAT® EQUIPMENT MANAGEMENT SOLUTIONS

Cat Equipment Management Solutions (**EMSolutions**) is designed to help you better manage your assets and lower your operating costs. Working with Louisiana Cat, you can monitor location, fuel burn and utilization, as well as health and maintenance issues like hours, fluid contamination and more.

Equipment Management Solutions is just one of the areas where CAT CONNECT SOLUTIONS combines technology and services to boost your job site efficiency. CAT CONNECT SOLUTIONS makes smart use of technology to monitor, control and manage your equipment. Using the information gathered from technology-equipped machines, Louisiana Cat can help you find new ways to enhance production, reduce costs, improve safety and build the more sustainable, successful business you want.

HOW CAN LOUISIANA CAT HELP?

Louisiana Cat will partner with you to help protect your fleet (Cat and non-Cat). Our team of experts will assist in managing your preventive maintenance business so you can be proactive about the health of your equipment. Through Cat Equipment Management Solutions, Louisiana Cat's Product Health Center can help you save time and money.

LOUISIANA CAT'S PRODUCT HEALTH CENTER OVERVIEW

Louisiana Cat's Product Health Center employs Condition Monitoring, which provides valuable, proactive information to you, helping equipment owners set up effective, comprehensive maintenance and repair plans. Analyzing data from a combination of elements – including machine inspections and regular fluid analysis to tracking of electronic data and analysis of equipment history – helps to accurately assess the health and operating condition of your equipment fleet. **INCREASE YOUR UPTIME; REDUCE YOUR OPERATING COSTS.**



CAT® CONNECT SOLUTIONS

THE SUCCESS YOU WANT.

Whether you want to be more productive, make smarter decisions or improve your bottom line, Louisiana Cat can help you match to the right technologies and solutions for your equipment.

Flexible solution sets help you monitor, manage and enhance your operations and give you more control of your job site — so you can achieve the success you want.



EQUIPMENT
MANAGEMENT

Equipment Management Solutions help you increase uptime and reduce operating costs.

- Know the location, health & efficiency of equipment
- Identify problems before they happen with data, inspections & fluid analysis
- Receive expert recommendations on equipment maintenance & repair
- Reduce costs through preventive maintenance, fleet optimization & life cycle planning



PRODUCTIVITY

Productivity Solutions monitor production and increase job site efficiency.

- Get accurate information on daily loads & volumes
- Hit payload targets more consistently
- Boost production with faster cycle times
- Control grade & compaction



SAFETY

Safety Solutions increase job site awareness to keep your people and equipment safe.

- Improve processes, operator visibility & site safety practices
- Precisely track equipment location, speed & avoidance zones
- Reduce the risk of injuries every day
- Promote a positive culture of safety



SUSTAINABILITY

Sustainability Solutions reduce environmental impact and simplify compliance reporting.

- Reduce emissions by burning less fuel
- Get the right equipment to minimize owning & operating costs
- Recover more value at the end of machine life
- Make compliance reporting easier with better emissions monitoring



COMMAND

Command Solutions help you work safely and efficiently in harsh or challenging environments.

- Apply remote control, semi-autonomous & autonomous technologies to help make machines more productive and keep people safe



WHAT ARE THE KEY ELEMENTS MONITORED IN LOUISIANA CAT'S PRODUCT HEALTH CENTER?

FIVE ELEMENTS OF CONDITION MONITORING

S•O•SSM FLUID ANALYSIS gives you detailed information about oil and coolant conditions, component wear, and more. Louisiana Cat's S•O•S Fluid analysts know Cat equipment inside and out, making us your best, most knowledgeable source for fluid analysis.

INSPECTIONS are easy and effective at helping you spot equipment health issues. We can train your people on what to look for or perform the inspections for you as part of an **EMSolutions Agreement**.

ELECTRONIC DATA is critical in keeping equipment healthy. Electronic equipment data is captured using "smart machine" technologies, such as Cat Product Link[™] telematics hardware. Product Link wirelessly transmits machine data to a user friendly web application, VisionLink[™].

EQUIPMENT HISTORY includes all the service reports and recommendations for maintenance, inspections and repairs. This helps spot long-term performance trends and identifies opportunities to enhance service and maintenance practices.

SITE CONDITIONS is an assessment that helps evaluate a number of factors that could affect your long term product health. Conditions include maintenance and operation practices, local site conditions, and overall climate/seasonal conditions.



WHERE IS MY EQUIPMENT?

- ➔ Fleet summary shows your entire fleet at a glance.
- ➔ Maps make finding specific equipment and job sites fast and simple.
- ➔ Customizable views allow you to quickly see specified groups of machines, all equipment on a job site, what equipment is due for service, unit hours and more.



HOW IS MY EQUIPMENT'S HEALTH?

- ➔ View critical equipment health information online, or via text/email such as:
 - ✓ Fault codes
 - ✓ Operator event codes
 - ✓ Geofence/site boundaries
 - ✓ S.O.SSM
 - ✓ Inspections

IS MY EQUIPMENT OPERATING EFFICIENTLY?

- ➔ Key equipment metrics at your fingertips.
 - ✓ Work vs. idle time
 - ✓ Fuel burn
 - ✓ Asset operation/efficiency



CAT EMSOLUTIONS: LEVELS

Delivered by Louisiana Cat



	1 ACCESS	2 INFORM	3 ADVISE	4 SUPPORT	5 MANAGE
Rugged Product Link (satellite or cellular)	●	●	●	●	●
VisionLink subscription	●	●	●	●	●
VisionLink user setup, training, and support	●	●	●	●	●
PartStore (integrated parts ordering system)	●	●	●	●	●
Monthly Fleet Benchmarking INFORM Report (idle time, run time, and fuel burn)		●	●	●	●
Cat® S•O•S SM fluid analysis (dealer performed)			●	●	●
Dedicated Louisiana Cat Product Health Coordinator to monitor your fleet			●	●	●
Analysis of critical data sources (Product Link, service repair history, inspections, S•O•S SM Services)			●	●	●
Expert recommendations and advice (equipment and operator)			●	●	●
Product health reports and consultation			●	●	●
Timely equipment maintenance reminders / Proactive scheduling			●	●	●
Inspections performed by Certified Dealer Technician			●	●	●
Preventive Maintenance Agreement (details outlined below)				●	●
Tailored Equipment Management Solutions to minimize customer financial risk (formerly Total Maintenance and Repair (TM&R) Agreement)					●



LEVEL 3: ADVISE

Louisiana Cat will perform two Technical Analysis 1 (TA1) inspections, obtain fluid samples, and provide data to customers in addition to items outlined above.



LEVEL 4: SUPPORT

Louisiana Cat will provide all equipment, oil, fluids, filters, and labor to perform all PM2 (500 hour), PM3 (1,000 hour), and PM4 (2,000 hour) services as outlined below:

- PM2 includes engine oil and filter, primary and secondary air filter(s), fuel filter(s), transmission filter(s), and hydraulic oil filter(s)
- PM3 includes all PM2 service items plus transmission oil change (if applicable) .
- PM4 includes all PM3 service items plus hydraulic, differential, and drive oil(s).

*PM1 (250 hour) service intervals are available upon request for additional charge.

*PM1 includes engine oil and filter, primary and secondary air filter(s), and fuel filter(s).

*Service will be performed as described above or in accordance with Cat Operation and Maintenance Manual.



LEVEL 5: MANAGE

Every Louisiana Cat Level 5: Manage solution is custom tailored for each individual customer and each individual machine. The specific details of this solution will be provided in additional documentation for your records.

HOW DO I GET STARTED?

DECIDE WHICH CAT® EMSOLUTIONS LEVEL BEST SUPPORTS YOUR BUSINESS.

Contact your Louisiana Cat Parts and Service Sales Representative to get enrolled. CAT® EMSolutions ensures you get the support you want, whether you prefer to do your own maintenance or have Louisiana Cat handle the details while you focus on your business.



Know where your equipment is and what it's doing with remote, real-time information.



Manage your equipment health and utilization trends compared to benchmarks via automated reporting.



Use expert recommendations from Louisiana Cat to make informed decisions about managing and maintaining your machines.



Leverage PM services from Louisiana Cat to lower your operating costs while increasing machine availability.



Empower Louisiana Cat to proactively manage your equipment while you focus on your business.





For additional information on Equipment Management Solutions, please contact your Parts and Service Sales Representative or email us at producthealth@louisianacat.com.

LOUISIANA CAT LOCATIONS

ALEXANDRIA 3575 N Bolton Ave.	BOSSIER CITY 5606 Industrial Dr. Ext.	LAFAYETTE 100 Boyce Dr.	MANSFIELD 1936 Hwy 3248	MONROE 2201 Ticheli Rd.	PRAIRIEVILLE 16613 Airline Hwy.
BELLE CHASSE 204 Engineers Rd.	HAMMOND 42440 Jackson Rd.	LAKE CHARLES 5415 E. Broad St.	MORGAN CITY 9592 Hwy 182	PORT FOURCHON 686 A0 Rappelet Rd.	RESERVE 3799 West Airline Hwy.