

EQUIPMENT MANAGEMENT

FOR CONSTRUCTION





EQUIPMENT MANAGEMENT

INCREASE YOUR UPTIME; REDUCE YOUR OPERATING COSTS.

Equipment Management Solutions (**EMSolutions**) is built to help you better manage your assets and lower your operating costs.

Altorfer will partner with you to help protect your fleet (Cat® and non Cat). Our team of experts will assist in managing your preventative maintenance business so you can be proactive about the health of your equipment. With state of the art tools such as Product Link™ and VisionLink®, Altorfer **EMSolutions** can help you save time and money.

Partnering with Altorfer **EMSolutions** is a win for any size of business. Control your costs, bid your jobs more accurately, and realize a more systematic approach for managing your fleet and repairs.

CAT® EMSOLUTIONS : LEVELS

The five levels of service ensure you get the support you want, whether you prefer to do your own maintenance or have Altorfer Cat handle the details while you focus on the work.



GET STARTED WITH EASY ACCESS TO INFORMATION

- Includes Product Link™ installed and activated
- VisionLink® access and training
- PartStore access
- my.cat.com access



STAY INFORMED WITH TIMELY REPORTING

- Includes Product Link installed/activated
- VisionLink access and training
- PartStore access
- Reports and recommendations
- my.cat.com access

LEVEL
3
ADVISE

GET ADVICE FROM THE EXPERT

- Includes Product Link installed/activated
- VisionLink access and training
- PartStore access
- Reports and recommendations
- S•O•SSM Fluid Analysis or
- Annual visual inspection (TA-1) completed by Altorfer

LEVEL
4
SUPPORT

STAY ON TRACK WITH PREVENTATIVE MAINTENANCE - THREE LEVELS OF CSA'S

Includes Product Link installed and activated, VisionLink access and training, PartStore access, notifications for upcoming preventative maintenance intervals, plus one of the following packages:

- **Basic (Do It Myself):** Annual machine Inspection and the necessary filters, seals, gaskets and S•O•SSM PM kits for all 250 or 500 hour intervals performed by the customer. Choose this package if you prefer to manage, schedule and perform your own services.
- **Plus (Work With Me):** Necessary filters, seals, gaskets and S•O•SSM PM kits for all 250 and 500 hour intervals performed by customer. Altorfer to complete all 1000 and 2000 hour PMs, which include all parts, S•O•SSM Fluid Analysis, visual inspection (TA-1), and fluids required. Choose this package if you prefer Altorfer to manage and schedule PM1 and PM2 services, plus perform PM3 and PM4 services.
- **Premium (Do It For Me):** Equipment history (includes all service reports and recommendations for maintenance, inspection and repairs), Altorfer to complete all PMs at 250 or 500 hour intervals using one of our Caterpillar trained lube technicians and our lube service vehicle, and includes all parts, S•O•SSM Fluid Analysis, visual inspection (TA-1), and fluids required. Choose this package if you prefer Altorfer to manage, schedule and perform all services.

Optional (additional fees apply)

- | | | |
|---------------------------|--------------------------|----------------------|
| • Air filters | • Coolant flush / refill | • Technical Analysis |
| • Cab filters | • A/C dryer / receiver | Level 2 Inspection |
| • Engine valve adjustment | • Tier 4 DPF Filter | (TA-2) - Visual and |
| | | Flow/Pressure |

* See reverse page for preventative maintenance details.

LEVEL
5
MANAGE

STAY FOCUSED ON YOUR BUSINESS - PREVENTATIVE MAINTENANCE AND REPAIR (M & R OR TM & R)

- Includes everything in a Level 4 Premium Package
- Plus a Premium Equipment Protection Plan and all transportation and traveling costs (within Altorfer servicing territory) related to repairs from any preventative maintenance and warranty work.
- Machine must be less than one year old or already enrolled in a Premier service agreement.

Meet our **Altorfer Condition Monitoring Analyst (CMA)** experts. Our CMA team assist in monitoring all machines connected to VisionLink via the Product Link boxes. They take machine TA1 inspections performed in the field to help resolve any maintenance needed so you can be proactive about the health of your equipment.



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PRODUCT SUPPORT CAPABILITIES

- 15 PARTS & SERVICE REPS.
- \$8 MILLION PARTS INVENTORY
- IN-HOUSE OIL LAB ANALYSIS
- 40+ PARTS DROP BOX LOCATIONS TERRITORY-WIDE
- CONVENIENT STORE HOURS
- NIGHTLY SHUTTLE BETWEEN STORES
- NIGHTLY PARTS FROM CAT MORTON
- 15 RENTAL STORES
- AG DIVISION
- POWER SYSTEMS DIVISION
- LIFT TRUCK DIVISION

LEVEL 4 SERVICE INTERVALS MORE THAN JUST AN OIL CHANGE

PM1 PERFORMED EVERY 250 HOURS*

SERVICE PERFORMED	MAINTENANCE	S•O•S
ENGINE OIL AND FILTER	CHANGE	SAMPLE
PRIMARY AND SECONDARY FUEL FILTERS - WATER / FUEL FILTER	CHANGE	
TECHNICAL ANALYSIS LEVEL 1 (TA-1) - VISUAL INSPECTION	COMPLETE	

PM2 PERFORMED EVERY 500 HOURS*

SERVICE PERFORMED	MAINTENANCE	S•O•S
ENGINE OIL AND FILTER	CHANGE	SAMPLE
PRIMARY AND SECONDARY FUEL FILTERS - WATER / FUEL FILTER	CHANGE	
> HYDRAULIC OIL		> SAMPLE
> HYDRAULIC OIL FILTER (EXCEPT IN HEX)	> CHANGE	
> FINAL DRIVE / DIFFERENTIAL / HEX SWING DRIVE / MG TANDEM DRIVE / MG CIRCLE DRIVE OIL		> SAMPLE
> TRANSMISSION OIL FILTER	> CHANGE	
> TRANSMISSION OIL		> SAMPLE
TECHNICAL ANALYSIS LEVEL 1 (TA-1) - VISUAL INSPECTION	COMPLETE	

PM3 PERFORMED EVERY 1000 HOURS*

SERVICE PERFORMED	MAINTENANCE	S•O•S
ENGINE OIL AND FILTER	CHANGE	SAMPLE
PRIMARY AND SECONDARY FUEL FILTERS - WATER / FUEL FILTER	CHANGE	
FINAL DRIVE / DIFFERENTIAL / MG TANDEM DRIVE / MG CIRCLE DRIVE OIL		SAMPLE
HYDRAULIC OIL		SAMPLE
HYDRAULIC OIL FILTER (EXCEPT IN HEX)	CHANGE	
TRANSMISSION OIL FILTER	CHANGE	
> TRANSMISSION OIL	> CHANGE	SAMPLE
> COOLANT II		> SAMPLE
> HEX SWING DRIVE	> CHANGE	SAMPLE
TECHNICAL ANALYSIS LEVEL 1 (TA-1) - VISUAL INSPECTION	COMPLETE	

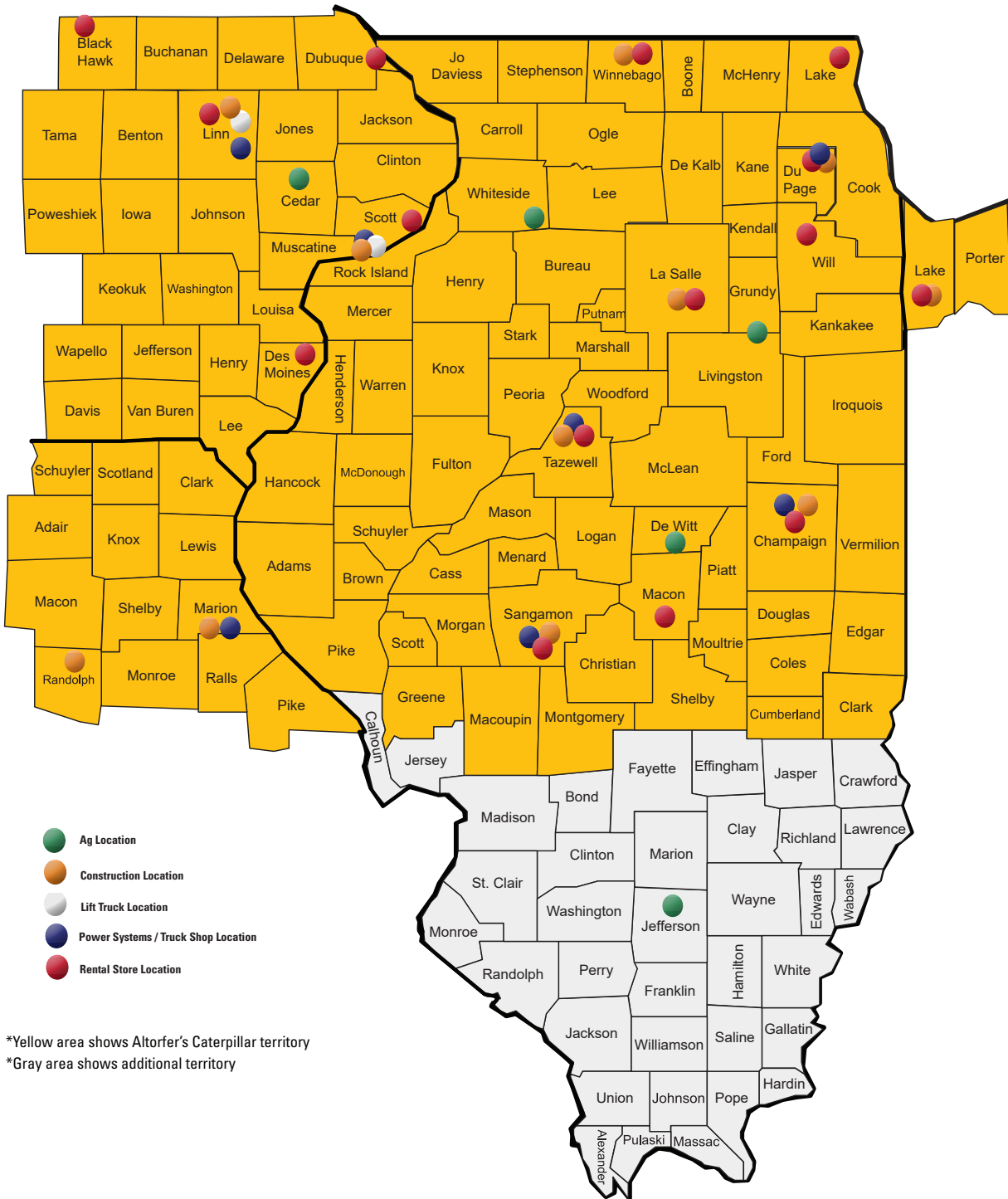
PM4 PERFORMED EVERY 2000 HOURS*

SERVICE PERFORMED	MAINTENANCE	S•O•S
ENGINE OIL AND FILTER	CHANGE	SAMPLE
PRIMARY AND SECONDARY FUEL FILTERS - WATER / FUEL FILTER	CHANGE	
COOLANT II		SAMPLE
TRANSMISSION OIL AND FILTER	CHANGE	SAMPLE
HYDRAULIC OIL FILTER (EXCEPT IN HEX)	CHANGE	
> HYDRAULIC OIL	> CHANGE	SAMPLE
> FINAL DRIVE / DIFFERENTIAL / HEX SWING DRIVE / MG TANDEM DRIVE / MG CIRCLE DRIVE OIL	> CHANGE	SAMPLE
TECHNICAL ANALYSIS LEVEL 1 (TA-1) - VISUAL INSPECTION	COMPLETE	

* PM INTERVALS LISTED ARE ONLY GUIDELINES. REFER TO EACH MACHINE'S OPERATION AND MAINTENANCE MANUAL FOR SPECIFIC REQUIREMENTS.

> NOTES ADDED SERVICES TO EACH PLAN

ALTORFER CAT TERRITORY



*Yellow area shows Altorfer's Caterpillar territory
 *Gray area shows additional territory

CONSTRUCTION SHOP LOCATIONS

CEDAR RAPIDS, IA | (319) 365-0551
 2600 6th St. S.W.
 Cedar Rapids, IA 52404

ELMHURST, IL | (630) 279-4400
 635 W Lake St
 Elmhurst, IL 60126

JOLIET, IL | (815) 726-4248
 16822 W Laraway Rd
 Joliet, IL 60433

ROCKFORD, IL | (815) 965-8631
 5055 S Main St
 Rockford, IL 61102

URBANA, IL | (217) 359-1671
 1519 West Kenyon Rd.
 Urbana, IL 61801

DAVENPORT, IA | (563) 324-1935
 4712 Buckeye St.
 Davenport, IA 52802

HAMMOND, IN | (219) 932-6600
 6400 Indianapolis Blvd
 Hammond, IN 46320

MOBERLY, MO | (660) 263-8200
 701 W. Highway 24
 Moberly, MO 65270

SPRINGFIELD, IL | (217) 529-5541
 4949 International Parkway
 Springfield, IL 62711

WAUCONDA, IL | (847) 469-1320
 700 Patten Dr
 Wauconda, IL 60084

EAST PEORIA, IL | (309) 694-1234
 1 Capitol Drive
 East Peoria, IL 61611

HANNIBAL, MO | (573) 221-8600
 3520 Moberly
 Hannibal, MO 63401

OGLESBY, IL | (815) 883-3336
 590 Mayers Ave
 Oglesby, IL 61348