

LEVEL 4 SUPPORT PACKAGES MORE THAN JUST AN OIL CHANGE

250 HR

Planned maintenance (PM) at 250 hours helps keep your machine performing at optimal productivity levels with a variety of inspections, adjustments, replacements, and / or refills. Each subsequent PM service includes all of the prior maintenance levels.

- Engine oil & filter
- Engine crankcase breather
- Engine air filters
- Intake & exhaust system
- Fan & alternator belts
- Lubricate machine
- Radiator
- Cooling system
- Transmission & Differential housings
- Hydraulic system
- Gear oil compartments
- Fuel tank
- Air reservoir
- Seat belt
- Alarms, indicators, & gauges
- Back-up alarm & lights
- Tires
- Brake system
- Batteries, cables, & terminals
- Air conditioning
- Ground engaging tools (GET) & undercarriage
- Hydraulic cylinders
- Glass, doors, latches, & body panels
- Machine operation
- Fluid Analysis of engine oil

- Change
- Inspect & clean
- Inspect & clean
- Visual check for leaks
- Inspect & adjust if necessary
- Service all grease fittings
- Check coolant level & test antifreeze
- Inspect for leaks & fill if necessary
- Check oil level & fill if necessary
- Check for leaks & fill if necessary
- Check for leaks & fill if necessary
- Drain moisture & sediment, inspect for leaks
- Drain moisture & sediment, inspect for leaks
- Inspect for damage or expiration
- Verify operation
- Verify operation
- Check inflation pressure & fill if necessary
- Check operation & fill fluid level if necessary
- Inspect & fill if necessary
- Verify operation & clean cab filters
- Visually inspect
- Inspect for leaks or damage
- Inspect for damage
- Operational performance check

500 HR

- Engine air filters
- Fuel tank cap & fill screen
- Fuel system
- Transmission
- Hydraulic tank
- Fluid Analysis of oil compartments & coolant

- Inspect secondary, change primary filter
- Inspect & clean
- Change filter & clean primary bowl & screen
- Change oil & filter, clean breather
- Change filter & clean screen

1000 HR

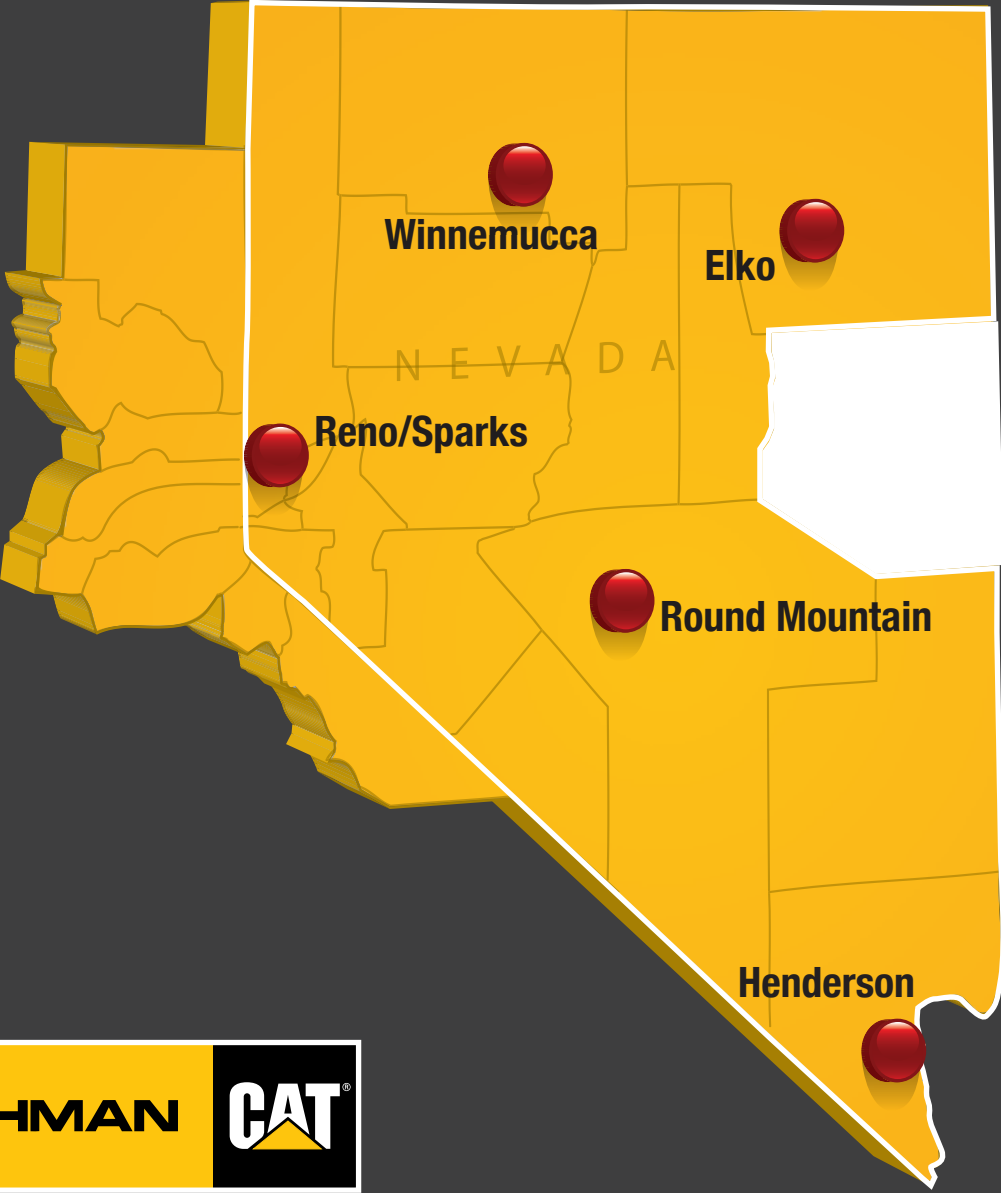
- Coolant filter
- Air dryer
- Rollover protective structure (ROPS)

- Replace if equipped
- Inspect if equipped
- Inspect

2000 HR

- Radiator
- Hydraulic tank
- Gear oil compartments

- Change antifreeze except when coolant is ELC
- When ELC add ELC extender @ 3,000 Hr intervals
- When ELC add ELC extender @ 6,000 Hr intervals
- Change oil & filter
- Change oils



PRODUCT SUPPORT CAPABILITIES

- 250+ TECHNICIANS
- 115+ PARTS PERSONNEL
- 25+ PRODUCT SUPPORT REPS
- \$65 MILLION PARTS INVENTORY
- CAT CERTIFIED & ISO 17025 ACCREDITED FLUIDS ANALYSIS LAB
- NIGHTLY PARTS SHUTTLE BETWEEN STORES
- DAILY PARTS DELIVERIES FROM CAT
- RENTAL STORE LOCATIONS

LOCATIONS

- ELKO | (775) 738-9871  
5010 Idaho Street  
Elko, NV 89801
- HENDERSON | (702) 649-8777  
3300 St. Rose Parkway  
Henderson, NV 89052
- RENO | (775) 358-5111  
600 Glendale Avenue  
Sparks, NV 89431
- WINNEMUCCA | (775) 632-1121  
3050 Railroad Stereet  
Winnemucca, NV 89445

WWW.CASHMANEQUIPMENT.COM  
800.937.2326

DEALER REFERENCE GUIDE

EQUIPMENT MANAGEMENT FOR CONSTRUCTION



WWW.CASHMANEQUIPMENT.COM | 800-937-2326



\*Actual planned maintenance services performed vary based on model.



### 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.

Cashman will partner with you to help protect your fleet, whether it's all Cat or has a few other brands mixed in. Our team of experts will assist in managing your planned 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®, Cashman **EMSolutions** can help you save time and money.

Partnering with Cashman **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.

### COST EFFECTIVE

- Helps cut overall service costs and downtime
- Extends service intervals when job conditions allow
- Lowers total owning and operating costs

### SCALABLE AND FLEXIBLE

- Begin with Product Link hardware, VisionLink software, PartStore, Oil Commander and fluids analysis by our ISO 17025 accredited and Cat SOS certified lab
- Start small and add services as you go
- Provides you with the tools to effectively schedule and perform your own maintenance or leverage our experts to do the work for you

### UPTIME

- Helps you schedule service downtime around production demands
- Helps maximize equipment availability
- Helps to schedule and manage maintenance

### SUSTAINABLE

- Reduces lifetime parts, fluids and labor needs

### EASY

- We can help you apply elements to your business, or we can handle all your service and maintenance needs for you through a Customer Support Agreement (CSA)

## 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 Cashman Equipment 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 and training
- Oil Commander access and training



#### STAY INFORMED WITH TIMELY REPORTING

- Includes all of Level 1 features plus
- A monthly fleet report



#### GET ADVICE FROM THE EXPERTS

- Includes all of Level 2 features plus
- A dedicated Cat certified condition monitoring specialist to monitor your fleet
- Actionable recommendations based on analysis of critical data sources
- Alerts and preventive maintenance tracking
- Fluids sampling per OEM Intervals through CFA\*

\*Fluids Sampling at Additional Cost



#### STAY ON TRACK WITH PLANNED MAINTENANCE

Includes all of Level 3 features plus notifications for upcoming planned maintenance intervals, and one of the following packages:

- **BASIC:** Annual machine inspection and the necessary filters, seals, gaskets and PM kits for all 250, 500, 1000 and 2000 hour intervals performed by the customer. ***Choose this package if you prefer to manage, schedule and perform your own services.***
- **PLUS:** Necessary filters, seals, gaskets and PM kits for all 250 and 500 hour intervals performed by customer. Cashman to complete all 1000 and 2000 hour PMs, which include all parts, fluid analysis, visual inspection and fluids required. ***Choose this package if you prefer Cashman to manage and schedule PM1 and PM2 services, plus perform PM3 and PM4 services.***
- **PREMIUM:** Equipment history includes all service reports and recommendations for maintenance, inspections and repairs. Cashman to complete all PMs at 250 hour intervals using our Caterpillar trained lube technicians and our lube service vehicle, and includes all parts, fluids analysis, visual inspection and fluids required. ***Choose this package if you prefer Cashman to manage, schedule and perform all services.***

#### Optional (additional fees apply)

- |                           |  |  |
|---------------------------|--|--|
| • A/C dryer / receiver    | • Technical Analysis Level 1 Inspection (TA-1) | • Technical Analysis Level 2 Inspection (TA-2) |
| • Coolant flush / refill  |  |  |
| • Engine valve adjustment |  | • Tier 4 related services                      |

*Travel per event is based on a single machine. If multiple machines are done at the same site, at the same time, only one travel charge is billed per service truck.*



#### STAY FOCUSED ON YOUR BUSINESS - PLANNED MAINTENANCE AND REPAIR

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

