

Using the Fleet Page

The *Fleet* page provides you with the tools needed to display, find, and manage your equipment. The page views and elements include:

- Assets tab
- Components tab
- Asset Details view
- Add/Modify Asset view
- Add/Modify Component dialog

In the **Assets** and **Components** tabs, the top of the *Fleet* page includes a filters section used to refine search capabilities. The Advanced Filter tools allow you to apply ad hoc or previously saved filters when searching for asset data.

The *Asset Details* view provides you with the tools needed to manage asset data.

The screenshot displays the Fleet Page interface. At the top, there is a navigation menu with tabs: DASHBOARD, FLEET (highlighted), SAMPLES, SUBMIT, REPORTS, PREFERENCES, and ADMIN. A user greeting "Welcome PPS-000920D4" is visible in the top right. Below the navigation, there are two tabs: "Assets" (selected) and "Components". A red box highlights these tabs. Below the tabs, there are three buttons: "ADD", "MODIFY", and "DELETE". To the right of these buttons is a filter dropdown menu with "-- Select filter --" and a "Filter Details" link. A red box highlights this filter section. Below the filter section is a table of assets with columns: ASSET ID, SERIAL NUMBER, MANUFACTURER, MODEL, UCID NAME, DCN NAME, JOBSITE, and DEALER. Each column has a search input field with a magnifying glass icon. The table contains 10 rows of asset data. At the bottom of the table, there is a pagination control showing "Showing 1 - 10 of 973 items" and a "Show: 10" dropdown. A red box highlights the pagination area. The footer of the page reads "Caterpillar © 2016. All Rights Reserved."

ASSET ID	SERIAL NUMBER	MANUFACTURER	MODEL	UCID NAME	DCN NAME	JOBSITE	DEALER
08-1243	ATS00334	CATERPILLAR	16H	THOMPSON CORP...	THOMPSON MINES	MINESITE 3	DEALER NAME
BH-10	6KL00842	CATERPILLAR	426B	RENO LIMITED, LLC	RENO EXCAVATION		DEALER NAME
TH-10	9RL00726	CATERPILLAR	322L	RENO LIMITED, LLC	RENO EXCAVATION		DEALER NAME
T-5	101030_DALMOLIN	PETERBILT	359_PETERBILT	RENO LIMITED, LLC	RENO EXCAVATION		DEALER NAME
L-30	22Z02027	CATERPILLAR	950B	RENO LIMITED, LLC	RENO EXCAVATION		DEALER NAME
TH-70	9KR00263	CATERPILLAR		RENO LIMITED, LLC	RENO EXCAVATION		DEALER NAME
P-50	1FT7W2BT9BEC9...	FORD	F250_FORD	RENO LIMITED, LLC	RENO EXCAVATION		DEALER NAME
SL-50	YY201419	CATERPILLAR	259B3	RENO LIMITED, LLC	RENO EXCAVATION		DEALER NAME
852522	1FV6HFAA5TL860...	FREIGHTLINER	FL70_FREIGHTLIN	CHRISTOPHER MA...	CHRISTOPHER MA...		DEALER NAME
19-1071	66 ACES	CATERPILLAR	MT3700	THOMPSON CORP...	THOMPSON MINES	MINESITE 3	DEALER NAME

Fleet Page Common Features and Functions

The **Assets** and **Components** tabs share common functions such as column selecting, arrangement, and sorting. Descriptions of common functions are described in this section.

Choosing Columns to Display

Click on the **Settings** (gear) icon found to the right of the column headers to open a drop-down list as shown below. A check mark appearing to the left of a column title signifies that the column will appear within the table; an X mark hides the related column.

Click anywhere outside the drop-down list to close it.

The screenshot shows a web application interface with a table. The table has columns for JOBSITE, DEALER, and REGION. The settings menu is open over the REGION column, showing a list of columns with checkmarks for visible columns and an X for hidden columns. The 'Manufacturer' column is highlighted in yellow.

JOBSITE	DEALER	REGION
MINESITE 3	DEALER NAME	
	DEALER NAME	
	DEALER NAME	
	DEALER NAME	
	DEALER NAME	
	DEALER NAME	
	DEALER NAME	
	DEALER NAME	
	DEALER NAME	
FAC...	DEALER NAME	

The settings menu is open over the REGION column, showing a list of columns with checkmarks for visible columns and an X for hidden columns. The 'Manufacturer' column is highlighted in yellow.

- Clear all filters
- Columns:
 - ✓ Asset ID
 - ✓ Serial Number
 - x Manufacturer**
 - x Model
 - x UCID Name
 - ✓ DCN Name
 - ✓ Jobsite
 - ✓ Dealer
 - ✓ Region

The columns that actually appear within the table view depend on the screen real estate available. If more columns are selected than space allows, a plus sign (+) icon appears to the right of the rows signifying that additional information is available.

Clicking on the plus sign (+) icon within a specific row expands the row as shown in the example so you can view the additional information as needed. Scroll bars are used to help you view content that is longer or wider than what can be shown within the display area.

The changes made to column settings will persist as your preference, so when you log out then return to the system, you

will see the columns and the order appear based on the last defined settings.

The screenshot shows the CAT Fleet management interface. At the top, there is a navigation bar with tabs for DASHBOARD, FLEET, SAMPLES, SUBMIT, REPORTS, PREFERENCES, and ADMIN. The user is logged in as 'Welcome PPS-000920D4'. Below the navigation bar, there are tabs for 'Assets' and 'Components'. A search filter is set to '-- Select filter --'. Below the search bar, there are buttons for 'ADD', 'MODIFY', and 'DELETE'. The main table has columns for ASSET ID, SERIAL NUMBER, MANUFACTURER, MODEL, DEALER, JOBSITE, and REGION. The table contains three rows of data. A red box highlights the details for the asset 'BH-10', which includes the UCID Name 'RENO LIMITED, LLC' and the DCN Name '["NAME":"RENO_ACES","COMPANY_NAME":"RENO EXCAVATION"]'. There is also a red circle around a small icon in the right column of the BH-10 row.

Sorting and Filtering via Column Headers

Headers identify the information displayed in columns, but they also are used to help you sort and filter the table's data.

To sort data in ascending or descending order, click on the small arrow to the right of a column header then select the desired order. Columns can also be hidden by clicking on the **x Hide Column** item in the header's menu.

Some column headers provide drop-down lists used to select information options; others use direct entry fields in which you can enter specific search elements to more quickly locate a particular sample.

The screenshot shows the CAT Fleet management interface. At the top, there is a navigation bar with tabs for DASHBOARD, FLEET, SAMPLES, SUBMIT, REPORTS, PREFERENCES, and ADMIN. The user is logged in as 'Welcome PPS-000920D4'. Below the navigation bar, there are tabs for 'Assets' and 'Components'. A search filter is set to '-- Select filter --'. Below the search bar, there are buttons for 'SUBMIT' and 'COMPARE GRAPH'. The main table has columns for ASSET ID, COMPONENT, SERIAL NUMBER, MANUFACTURER, MODEL, LAST SAMPLE DATE, and DUE / OVERDUE. The table contains six rows of data. Two red boxes highlight the sorting options for the 'COMPONENT' column, which are 'Sort Ascending' and 'Sort Descending' (the latter is highlighted in yellow). Another red box highlights the date selection options for the 'LAST SAMPLE DATE' column, which are '-- Select Date--', 'Today', 'Yesterday' (highlighted in yellow), 'Last 7 Days', and 'Last 30 Days'.

To clear header filters, click on the **Settings** gear icon located top right of the table then click on **Clear all filters**.

NOTE: Clicking on **Clear all filters** from **Settings** does not clear filters applied via the **Advanced Filters** feature. An active advanced filter must be cleared by clicking on **Reset** found in that section.

Arranging Columns

You can rearrange the order of the columns simply by dragging them to the location you want.

Move your mouse cursor over the column title, then click and hold the left mouse button down. As the image below shows, the selected column "detaches" from its original location to confirm which column you are moving.

The screenshot shows the CAT Fleet Management System interface. The top navigation bar includes 'DASHBOARD', 'FLEET', 'SAMPLES', 'SUBMIT', 'REPORTS', 'PREFERENCES', and 'ADMIN'. The user is logged in as 'Welcome PPS-000920D4'. The main content area is titled 'Assets' and contains a table with columns: ASSET ID, SERIAL NUMBER, MANUFACTURER, MODEL, JOBSITE, DEALER, and REGION. The 'MANUFACTURER' column is highlighted with a red circle, and a red arrow points to the right, indicating it is being moved.

ASSET ID	SERIAL NUMBER	MANUFACTURER	MODEL	JOBSITE	DEALER	REGION
08-1243	ATS00334	CATERPILLAR	16H	MINESITE 3	DEALER NAME	
BH-10	6KL00842	CATERPILLAR	426B		DEALER NAME	

Drag the column to the desired location then release the mouse button. In a moment, the application will reorganize the table with the column in the new location. When you log out, the system saves the latest configuration so that the table will appear the same in your future sessions.

NOTE: The check mark column is always displayed in the far left column of the table and cannot be moved or removed.

Sizing Columns

You can adjust the width of columns by hovering the mouse cursor between column edges until you see a double-line arrow as shown in the example. Then hold down the left mouse button, drag the column to the desired width then release the mouse button.

The screenshot shows the CAT Fleet Management System interface. The top navigation bar includes 'DASHBOARD', 'FLEET', 'SAMPLES', 'SUBMIT', 'REPORTS', 'PREFERENCES', and 'ADMIN'. The user is logged in as 'Welcome PPS-000920D4'. The main content area is titled 'Assets' and contains a table with columns: ASSET ID, SERIAL NUMBER, MODEL, MANUFACTURER, JOBSITE, DEALER, and REGION. The 'MANUFACTURER' column is highlighted with a red circle, and a double-line arrow is visible between the 'MANUFACTURER' and 'JOBSITE' columns, indicating the column width is being adjusted.

ASSET ID	SERIAL NUMBER	MODEL	MANUFACTURER	JOBSITE	DEALER	REGION
08-1243	ATS00334	16H	CATERPILLAR	MINESITE 3	DEALER NAME	

Navigating and Managing Samples Lists

Paging controls appear at the bottom of the table (left and right) to facilitate navigation through longer lists of data.

A **Showing** segment label identifies the range of results displayed.

A **Show** section filter identifies the number of results shown within the table. As the options suggest, you can show 10, 25, 50, or 100 samples per page.

Controls to the right allow you to select from multiple pages for longer sample sets.

The screenshot shows a table with two rows of data. Below the table, there are three red circles highlighting specific controls:

- The first circle highlights the text "Showing 1 - 10 of 973 items".
- The second circle highlights a "Show:" dropdown menu with options 10, 25, 50, and 75. The number 10 is currently selected.
- The third circle highlights the pagination controls, which include arrows for navigation and the text "1 / 98".

 At the bottom of the screenshot, the text "Caterpillar © 2016. All Rights Reserved." is visible.

Using Advanced Filters

Many column headers in the main **Assets** and **Components** tab tables provide direct filtering capabilities to help you locate specific equipment within the database. In addition, the Advanced Filters feature helps you further narrow down data by giving you the tools to specify multiple conditions (properties) for a given filter, so you can customize the information displayed based on the filter selected.

If you end your session with a filter selected, when you log back in, the system will retain the last filter used and the data presented will be filtered accordingly. In addition, filters set via the column headers will also persist between sessions.

The screenshot shows the CAT Fleet Management System interface. At the top, there is a navigation bar with tabs for DASHBOARD, FLEET, SAMPLES, SUBMIT, REPORTS, PREFERENCES, and ADMIN. The user is logged in as "Welcome PPS-000920D4". Below the navigation bar, there are two tabs: "Assets" (selected) and "Components". In the center, there is a red circle highlighting the "Advanced Filters" section. This section includes a "UCID" dropdown menu, a "Filter Details" button, and a filter condition: "Asset UCID equals". Below this, there are buttons for "Add Filter Condition", "Save Filter", "Apply", and "Reset". At the bottom, there is a table with columns for ASSET ID, SERIAL NUMBER, MANUFACTURER, MODEL, UCID NAME, DCN NAME, JOBSITE, and DEALER. The table contains three rows of data.

You can use existing filters by clicking on the arrow to the right of the **Select filter** drop-down list then clicking on the

desired filter shown in the list.

Create new filters by clicking on **Filter Details** then **Add Filter Condition**.

Specify filter criteria by using lists to choose the property, operator, and in many cases predefined values based on the filter types.

In other cases, you will need to know the value to enter directly, or you may be presented with a *Lookup Value* dialog box to help you quickly retrieve condition values from information stored in the database.

LOOKUP VALUE

NAME	DESCRIPTION	⚙
<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	
✓ ALITEC-ING	ALITEC-INGRA	
✓ AL-JON	AL-JON	
✓ ALLIED	ALLIED	
✓ ALLIS_MIN	ALLIS MINERAL	
✓ ALLISON	ALLISON	
✓ ALLMAND	ALLMAND	
✓ ALUBCO	ALUBCO	
✓ AM	ALMEDA	

To further refine search parameters, click again on **Add Filter Condition** and specify the additional parameters needed.

After creating a new filter, you can click on **Apply** to have the system refine the samples list presented. Note that applying the filter does not save the filter for future use.

Be sure to click on **Save Filter** to add the new filter to your list.

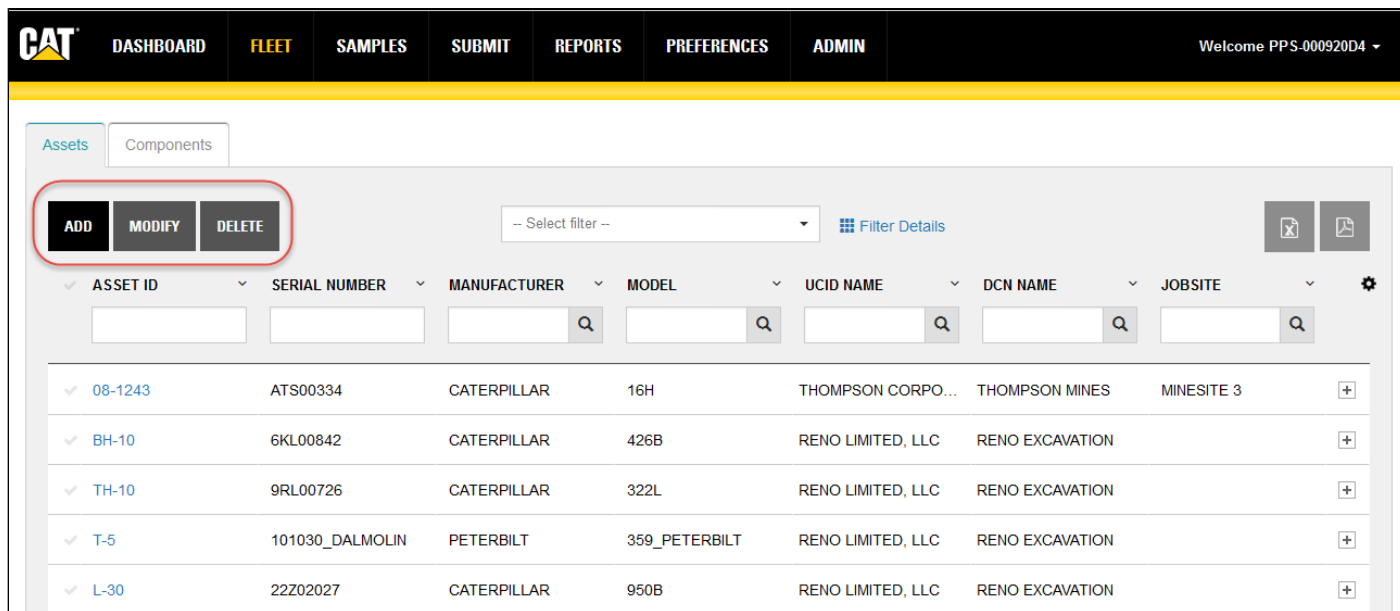
Clicking on **Reset** clears all advanced filter fields, deselects the active advanced filter, and updates the samples display accordingly.

NOTE: Clicking on **Reset** does not affect filters selected via the column headers. To clear those filters, click on the

*Settings gear icon located top right of the table then click on **Clear all filters**.*

Assets Tab Features and Functions

The **Assets** tab provides you with the tools to browse and manage all of the assets in your fleet including adding, modifying, and deleting assets.



ASSET ID	SERIAL NUMBER	MANUFACTURER	MODEL	UCID NAME	DCN NAME	JOBSITE
08-1243	ATS00334	CATERPILLAR	16H	THOMPSON CORPO...	THOMPSON MINES	MINESITE 3
BH-10	6KL00842	CATERPILLAR	426B	RENO LIMITED, LLC	RENO EXCAVATION	
TH-10	9RL00726	CATERPILLAR	322L	RENO LIMITED, LLC	RENO EXCAVATION	
T-5	101030_DALMOLIN	PETERBILT	359_PETERBILT	RENO LIMITED, LLC	RENO EXCAVATION	
L-30	22Z02027	CATERPILLAR	950B	RENO LIMITED, LLC	RENO EXCAVATION	

Adding an Asset

Adding an asset is simply a matter of clicking on the **Add** button and filling out the form provided in the *Add Asset* view.

The **Add Asset** form collects asset and ownership information. Providing information for the required fields will create the new asset as needed, but including information in other fields can prove useful when completing other tasks within the application.

Some fields are direct entry; you must know the value that needs to be entered. Other fields have suggest capability; entering partial information will cause the software to provide filtered lists that contain the partial value entered.

Additionally, many fields include lookup features to help you locate the needed values that are currently stored in the database.

When you first enter the **Add Asset** form, the **Manufacturer** and **Dealer** fields will be grayed out. To activate the **Manufacturer** field, enter a valid serial number in the **Asset Serial Number** field then press Enter on your keyboard.

The software will not only enable the **Manufacturer** field, it will automatically update the lookup list for the **Model** field.

Selecting a model from the **Model** lookup will in turn activate the **Dealer** field. The software will then have the information it needs to automatically populate the **COMPONENTS** table when the new asset is saved.

When you have satisfactorily completed at least the required fields, click on **SAVE ASSET** to save the new asset to the

database.

After saving the new asset, the **COMPONENTS** table appears in the bottom section of the view.

You can use this table to add, edit, or delete components assigned to the asset.

COMPONENT	MANUFACTURER	MODEL	SERIAL NO.
✓ ENGINE			
✓ TRANSMISSION POWER SHIFT			
✓ HYDRAULIC SYSTEM			
✓ RADIATOR			
✓ FINAL DRIVE FRONT LEFT			

To add a component, click on the **Add** button then enter information as needed in the *ADD COMPONENT* dialog box.

To edit information for a component, click on the **Check Mark** to left of the component you want to edit then click on the **EDIT** button.

Modify the information in the *EDIT COMPONENT* dialog box as needed then save your changes.

The screenshot displays the 'EDIT COMPONENT' dialog box over a web application interface. The dialog box has a title bar with 'EDIT COMPONENT' and a close button. It contains the following fields:

- Description:** ENGINE
- Serial Number:** W3K00902
- Manufacturer:** CATERPILLAR (with a search icon)
- Model:** 428E_CAT (with a search icon)
- Install Date:** 08/17/2016 (with a calendar icon)
- Change Interval:** 500 (with a dropdown arrow)
- Sampling Interval:** 250 (with a dropdown arrow)
- Install Interval:** (with a dropdown arrow)

At the bottom right of the dialog box are 'SAVE' and 'CANCEL' buttons. A mouse cursor is pointing at the 'SAVE' button. In the background, the 'COMPONENTS' section is visible, showing a table with columns: COMPONENT, MANUFACTURER, MODEL, SERIAL NO. The first row is 'ENGINE' with a checkmark in the 'COMPONENT' column, which is circled in red. Below it are 'TRANSMISSION POWER SHIFT' and 'HYDRAULIC SYSTEM', both with checkmarks. At the top left of the background interface, there are 'ADD', 'EDIT', and 'DELETE' buttons, with 'EDIT' circled in red.

Modifying an Asset

Modifying information for an existing asset is similar to adding a new asset; click on the **Check Mark** to select the asset you want to modify then click the **MODIFY** button to open the *Modify Asset* view.

Make your changes to the necessary fields within the form, and manage component information as needed then click on **SAVE ASSET** to commit your changes to the database.

CAT
DASHBOARD
FLEET
SAMPLES
SUBMIT
REPORTS
PREFERENCES
ADMIN

Welcome PPS-000920D4 ▾

MODIFY ASSET

Asset ID

*** Manufacturer**

*** Dealer**

Jobsite

Meter Type

Language

*** Asset Serial Number**

*** Model**

*** DCN Customer**

Region

Meter Units

Equip Note

SAVE ASSET

COMPONENTS

ADD
EDIT
DELETE

COMPONENT	MANUFACTURER	MODEL	SERIAL NUMBER
✓ ENGINE			
✓ TRANSMISSION POWER SHIFT			
✓ HYDRAULIC SYSTEM			
✓ RADIATOR			
✓ FINAL DRIVE FRONT LEFT			
✓ FINAL DRIVE FRONT RIGHT			
✓ FUEL SYSTEM			
✓ DIFFERENTIAL FRONT			
✓ DIFFERENTIAL REAR			

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Deleting an Asset

To delete an asset, click on the **Check Mark** for the asset then click on the **DELETE** button.

Components Tab Features and Functions

The **Components** tab provides you with the tools to view data for all of the components in your fleet. You can also use this tab to submit new samples and compare sample results data for two or more components.

Clicking on an item in the **Component** column automatically takes you to the *Asset Details* view for the selected component. Refer to the *Asset Details Features and Functions* section for more information.

The screenshot displays the 'Components' tab for asset 228. At the top, there are navigation tabs: 'Assets' and 'Components'. Below the tabs, there are buttons for 'SUBMIT' and 'COMPARE GRAPH', both highlighted with a red box. A search filter is set to '-- Select filter --'. The main table has columns: ASSET ID, COMPONENT, SERIAL NUMBER, MANUFACTURER, MODEL, LAST SAMPLE DATE, and DUE / OVERDUE. The 'COMPONENT' column is highlighted with a red box. The table contains 15 rows of component data. At the bottom, there is a pagination control showing 'Showing 1 - 10 of 15 items' and a 'Show: 10' dropdown. The footer text reads 'Caterpillar © 2016. All Rights Reserved.'

ASSET ID	COMPONENT	SERIAL NUMBER	MANUFACTURER	MODEL	LAST SAMPLE DATE	DUE / OVERDUE
228					--Select Option--	--Select Option--
2287	ENGINE TRUCK	3HSDJSR5CW115929	INTERNATIONAL	ENGINE TRUCK	05/17/2016	03/02/2016
2286	ENGINE TRUCK	125HM2Y4137975			10/26/2015	01/29/2016
2288	ENGINE TRUCK	4137973	INTERNATIONAL	ENGINE TRUCK	07/30/2015	10/22/2015
2288	DIFFERENTIAL REAR				08/04/2015	
2287	DIFFERENTIAL REAR				12/23/2015	
2286	DIFFERENTIAL REAR				03/03/2015	
2288	RADIATOR				08/04/2015	
2287	RADIATOR				12/23/2015	
2288	DIFFERENTIAL FR...				08/04/2015	
2287	DIFFERENTIAL FR...				12/23/2015	

Submitting Component Samples

Click on the **Check Mark** for one or more components for which you will be submitting samples then click on the **SUBMIT** button.

Assets Components

SUBMIT COMPARE GRAPH

-- Select filter -- Filter Details

ASSET ID	COMPONENT	SERIAL NUMBER	MANUFACTURER	MODEL	LAST SAMPLE DATE	DUE / OVERDUE
3-097	DIFFERENTIAL REAR				05/19/2009	11/18/2047
3-097	DIFFERENTIAL FRO...				05/19/2009	11/18/2047
3-097	HYDRAULIC SYSTEM				05/19/2009	11/18/2047
3-097	RADIATOR				05/19/2009	11/18/2047
3-097	TRANSMISSION				05/19/2009	11/18/2047
3-097	ENGINE TRUCK				05/19/2009	03/19/2022

The application automatically changes to the *Submit* page, which you will use to complete the sample submission process. Refer to the *Submit* page help for details on using the page's features and functions.

DASHBOARD FLEET SAMPLES **SUBMIT** REPORTS PREFERENCES ADMIN

Welcome PPS-000920D4

Wizard Pending

1 2 3
Select Components Sample Details Summary

SAMPLE DETAILS →

Compartment Set -- Choose Set --

Search or Add Component

REMOVE SAVE COMPARTMENT SET

ASSET ID	COMPONENT	MANUFACTURER	MODEL	SERIAL NUMBER
3-097	DIFFERENTIAL FRONT			
3-097	DIFFERENTIAL REAR			
3-097	HYDRAULIC SYSTEM			
3-097	RADIATOR			
3-097	TRANSMISSION			

Using the Compare Graph Feature

The **Compare Graph** is used to compare existing test results data between two or more selected components.

Click on the check mark for the components you want to compare then click on the **COMPARE GRAPH** button.

The screenshot shows the CAT Fleet Help interface. The top navigation bar includes 'DASHBOARD', 'FLEET', 'SAMPLES', 'SUBMIT', 'REPORTS', 'PREFERENCES', and 'ADMIN'. The user is logged in as 'Welcome PPS-000920D4'. The 'Components' tab is active, and the 'COMPARE GRAPH' button is highlighted with a red circle. Below the button, there is a table of components. The table has columns for 'ASSET ID', 'COMPONENT', 'SERIAL NUMBER', 'MANUFACTURER', 'MODEL', 'LAST SAMPLE DATE', and 'DUE / OVERDUE'. The components listed are:

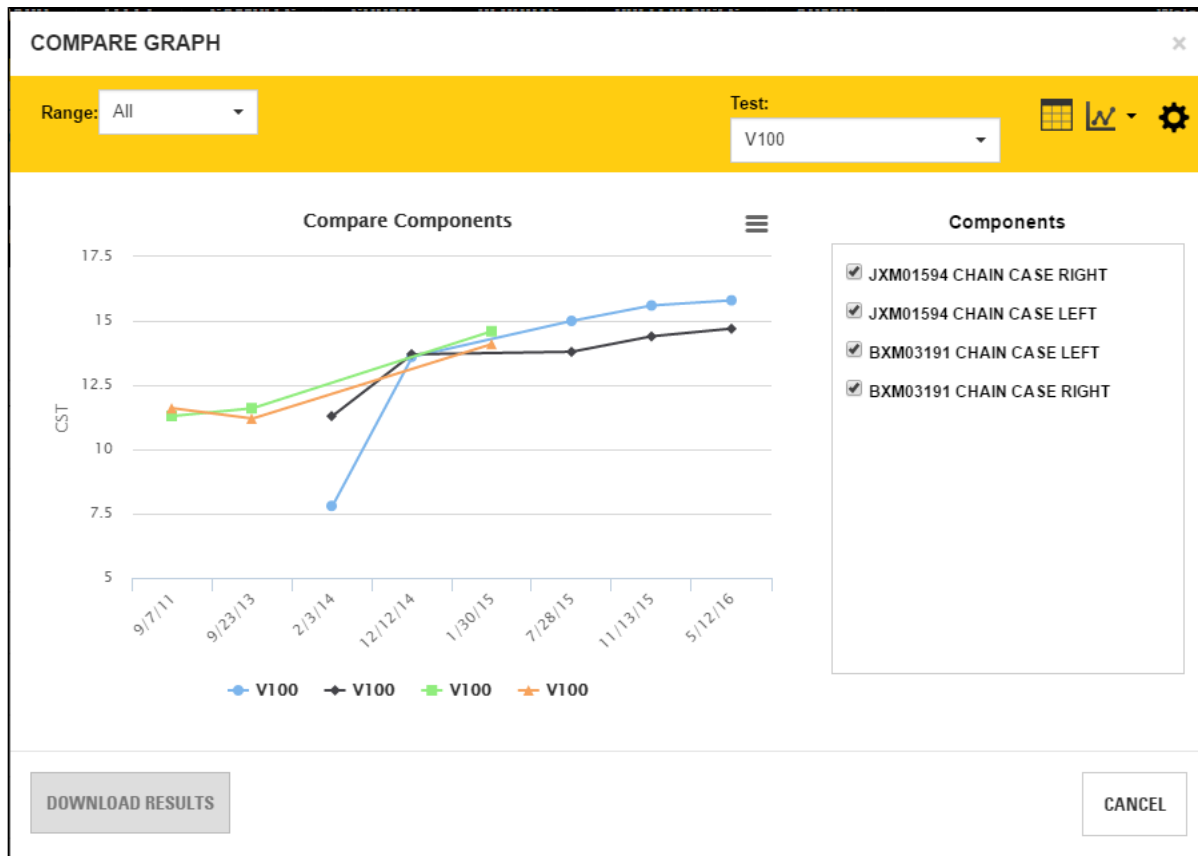
ASSET ID	COMPONENT	SERIAL NUMBER	MANUFACTURER	MODEL	LAST SAMPLE DATE	DUE / OVERDUE
3-097	DIFFERENTIAL REAR				05/19/2009	11/18/2047
3-097	DIFFERENTIAL FRONT				05/19/2009	11/18/2047
3-097	HYDRAULIC SYSTEM				05/19/2009	11/18/2047
3-097	RADIATOR				05/19/2009	11/18/2047
3-097	TRANSMISSION				05/19/2009	11/18/2047
3-097	ENGINE TRUCK				05/19/2009	03/19/2022
59	CHAIN CASE LEFT				05/12/2016	04/14/2019
59	CHAIN CASE RIGHT				05/12/2016	04/14/2019
SL-30	CHAIN CASE LEFT				01/26/2015	06/29/2018
SL-30	CHAIN CASE RIGHT				01/26/2015	06/29/2018

The 'CHAIN CASE LEFT' and 'CHAIN CASE RIGHT' components for asset 59 are highlighted with a red circle. The bottom of the page shows 'Showing 1 - 10 of 6194 items' and 'Show: 10'.

The **Compare Graph** appears with the selected components listed and selected in the **Components** list. Use the check boxes to add and remove component data from the graph.

A wide range of the analysis results can be selected for comparison by using the **Test** drop-down list. Note that only one analysis at a time may be selected.

The default X-axis for this graph is a meter reading and the line chart is the default style displayed.



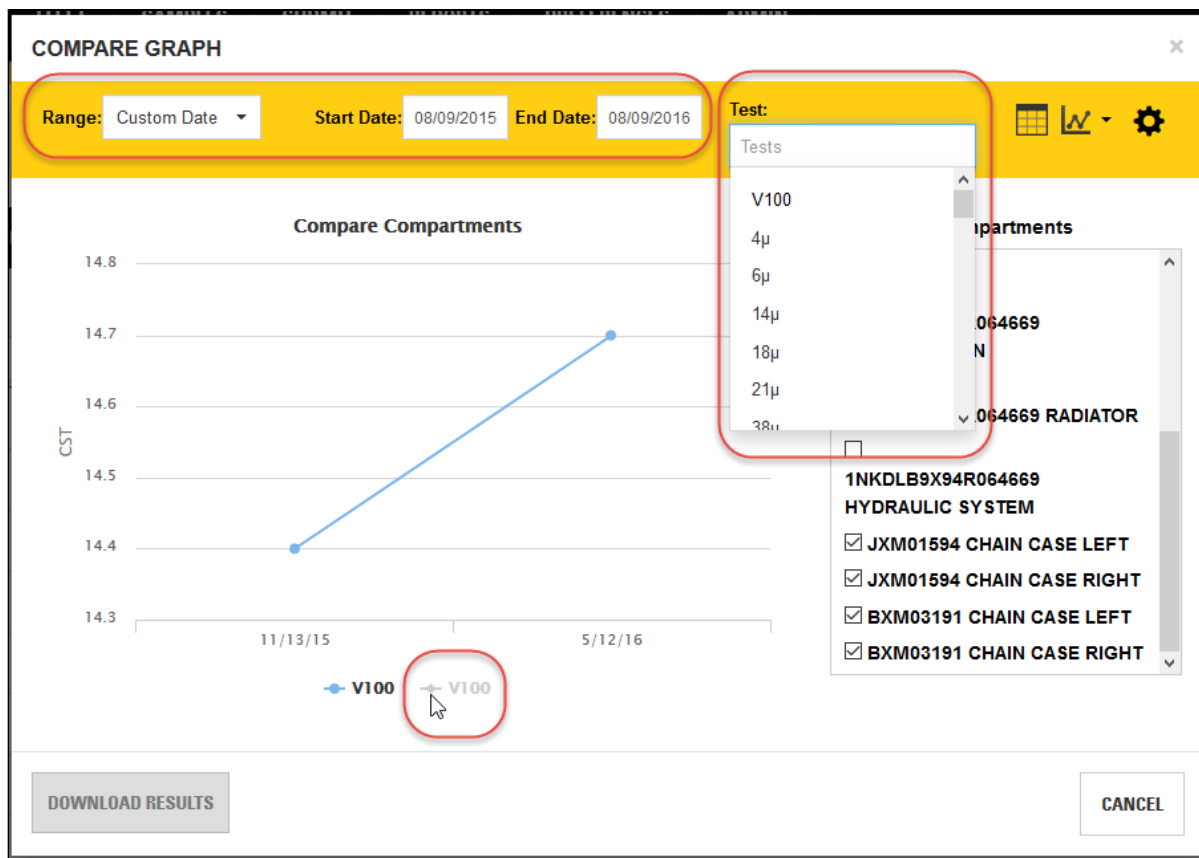
Range drop-down list

This drop-down list helps you select the date range desired for the related sample. You can choose from:

- All samples
- Specific date ranges (Last Month, Last Quarter, Last Semester, or Last Year)
- Custom date range (enables **Start Date** and **End Date** fields)
- Custom sample range (enables **Last Samples** field to select last 5 samples, last 10 samples and so on)

Test Selection drop-down list

Allows for easy selection of test results to be displayed in the graph.

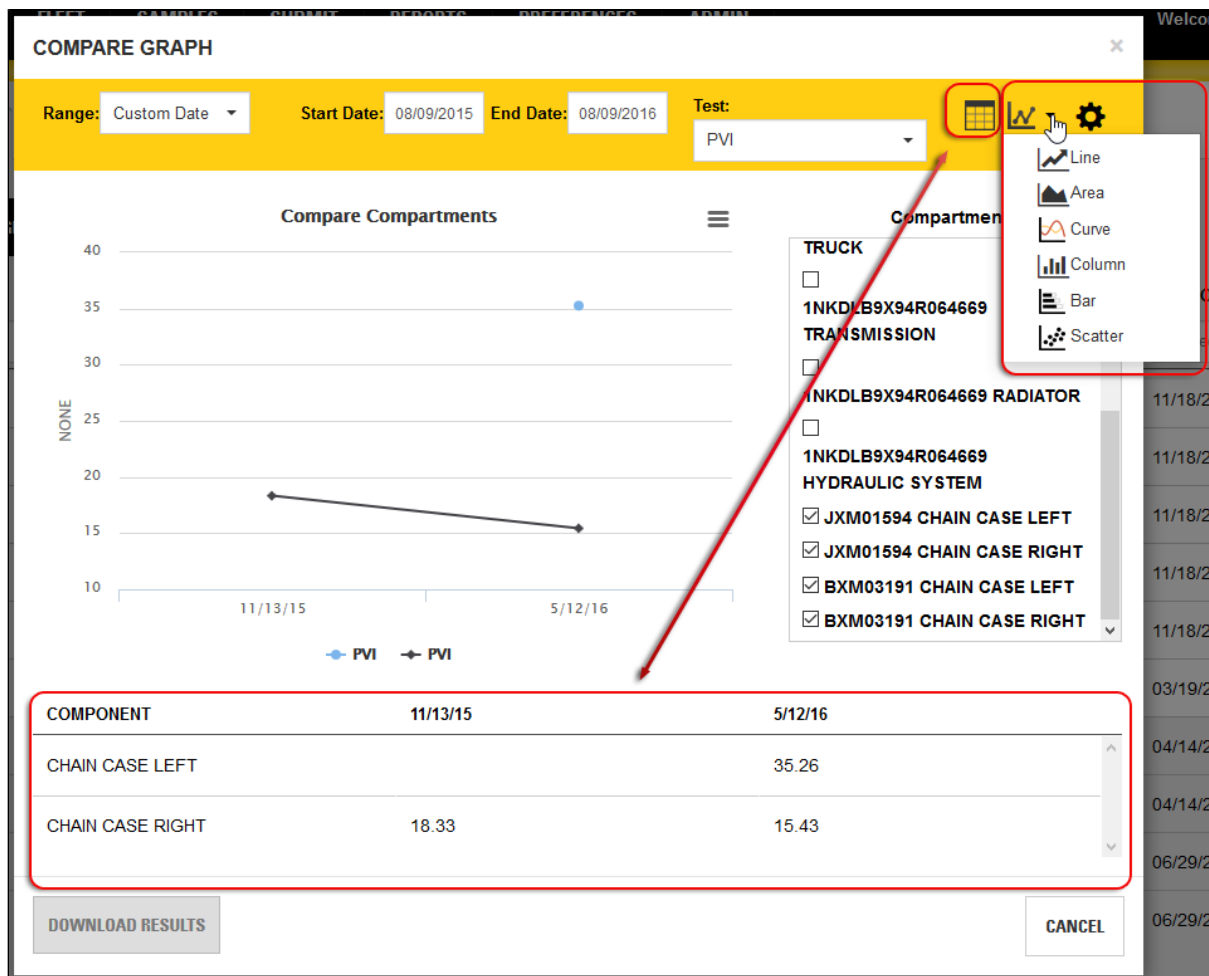


Show/Hide Data Table icon

Can be toggled on and off to display a data table below the graph.

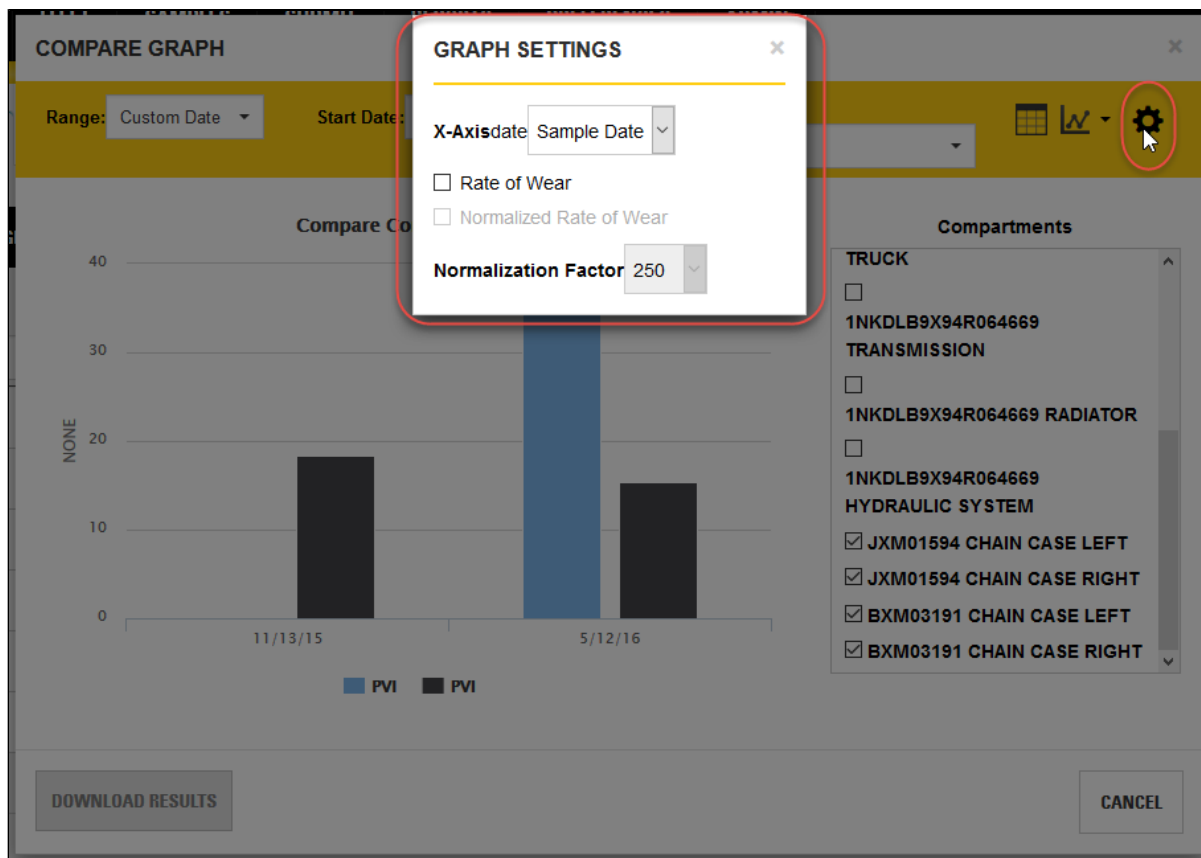
Chart Types drop-down list

Allows you to switch the graph between chart types including line, area, curve, column, bar, and scatter. The default chart type is "line."



Settings (gear icon) popup box

- Toggle X-Axis between meter and sample date.
- Check box to include analysis / test selection by Rate of Wear.
- Check box to include analysis / test selection by Normalized Rate of Wear.
- Normalization Factor input (this will apply to all Normalized Rates on the Graph at one time).



Download Results button

Clicking on this button downloads the selected data in a .CSV formatted file.

Graph Area Features

- Hold left mouse button down and drag to zoom and show more details of any area of the graph.
- Mouse-over a data point will show more details of that sample point.
- Legend below graph shows test abbreviations (data points).
- Clicking on a data point label in the legend toggles the display of the test in the graph.

Asset Details View Features and Functions

The *Asset Details* view is accessed by clicking on an entry in the **Asset ID** column within the **Assets** tab or by clicking on an entry in the **Component** column in the **Components** tab.

The *Asset Details* view provides you with an overall picture of an asset and allows you to see the sample and maintenance event history for each component.

Other features available in this view include:

- Accessing the *Modify Asset* view to make changes to the asset or its components.
- Starting the sample submission process for the asset's components.
- Adding a fluid maintenance event to the asset's history.

Icons in the top right of the view provide you with access to the Trend Chart for the selected asset, or you can download the asset history.

Hovering the mouse cursor over an item in the **Interp. Text** column opens a tooltip with the complete text for that entry.

The screenshot displays the CAT Fleet Management System interface. At the top, there is a navigation bar with tabs for DASHBOARD, FLEET, SAMPLES, SUBMIT, REPORTS, PREFERENCES, and ADMIN. The user is logged in as 'Welcome PPS-000920D4'. Below the navigation bar, the asset details are shown: Asset ID: 2235, Serial No.: KCB65902, Manufacturer: CATERPILLAR, Model: C13, and Dealer: DEALER NAME. A 'MODIFY' button is visible in the top right corner. On the left side, there is a 'SUBMIT SAMPLES' button and an 'ADD FLUID MAINTENANCE' button. Below these buttons is a list of components: ENGINE TRUCK, FUEL SYSTEM, RADIATOR, TRANSMISSION, DIFFERENTIAL FRONT, and DIFFERENTIAL REAR. A 'Component Details' section shows the manufacturer as INTERNATIONAL, model as 7C414194, and serial number as 7C414194. The main area contains a table of maintenance events with columns for RESULTS, STATUS, LAB DATE, INTERP. TEXT, and INTERP. DATE. A tooltip is shown over the 'Interp. Text' column for the event dated 07/11/2013, displaying the full text: 'WEAR METAL ANALYSIS RESULTS ARE NORMAL. INFRARED ANALYSIS RESULTS ARE ACCEPTABLE. WATER/FUEL/GLYCOL PHYSICAL TESTS ARE NEGATIVE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.'

RESULTS	STATUS	LAB DATE	INTERP. TEXT	INTERP. DATE
--Select Option--	--Select Option--	--Select Option--		
✓	New	12/28/2015	WEAR METAL ANALYSIS...	12/30/2015
✓	New	08/13/2015	WEAR METAL ANALYSIS...	08/17/2015
✓	New	04/28/2015	WEAR METAL ANALYSIS...	04/29/2015
✓	New	12/10/2013	WEAR METAL ANALYSIS RESULTS ARE NORMAL. INFRARED ANALYSIS RESULTS ARE ACCEPTABLE. WATER/FUEL/GLYCOL PHYSICAL TESTS ARE NEGATIVE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.	
⚠	New	07/11/2013	WEAR METAL ANALYSIS...	05/23/2014
⚠	New	09/04/2013	COPPER LEVEL IS ELEV...	09/05/2013
✓	New	04/17/2013	WEAR METAL ANALYSIS...	04/18/2013
✓	New	01/23/2013	WEAR METAL ANALYSIS...	01/24/2013
✓	New	11/14/2012	WEAR METAL ANALYSIS...	11/15/2012

Showing 1 - 10 of 13 items Show: 10

Adding a Fluid Maintenance Event

You can add maintenance events to a selected component for the current asset by checking the component in the components list then clicking on the **ADD FLUID MAINTENANCE** button.

In the *Add Fluid Maintenance* dialog box, use the drop-down list to select the event type(s) to add then enter values in the other fields to describe the details for the event. Values can be entered directly into most fields, or you can use the incrementing or lookup controls provided. You can select multiple event types, such as a Fluid Change and a Filter Change, and the dialog box will add fields as needed to collect the proper information.

NOTE: *The fields that appear within the Add Fluid Maintenance dialog box will vary depending on the event type and number of event types selected.*

CAT DASHBOARD FLEET SAMPLES SUBMIT REPORTS PREFERENCES ADMIN Welcome

Asset ID: W3K00902

SUBMIT SAMPLES

ADD FLUID MAINTENANCE

- ✓ HYDRAULIC SYSTEM
- ✓ SWING DRIVE
- ✓ RADIATOR
- ✓ FUEL SYSTEM
- ⚠ FINAL DRIVE REAR LE...
- ⚠ FINAL DRIVE REAR R...
- ✓ ✓ ENGINE

ADD FLUID MAINTENANCE : ENGINE/THX24698/CATERPILLAR/ENGINE [X]

Select Event: Fluid Change

* Sampled Date: 08/17/2016

* Equipment Meter Reading: 4707

Previous Meter Reading: 4188

Meter On Fluid: 460

Fluid Brand: Castrol

Fluid Type: OIL

Fluid Weight: 80

Notes:

ADD **CLOSE**

INTERP. DATE
08/10/2015
10/13/2014
01/17/2012
10/06/2011
09/27/2011

Component Details

New	10/05/2011	VISCOSITY IS VERY LO...
New	09/23/2011	OIL APPEARS TO BE AN ...