

AUTHORS & ROLE: Laura Vitali, Fluid Analysis Interpreter
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Purpose

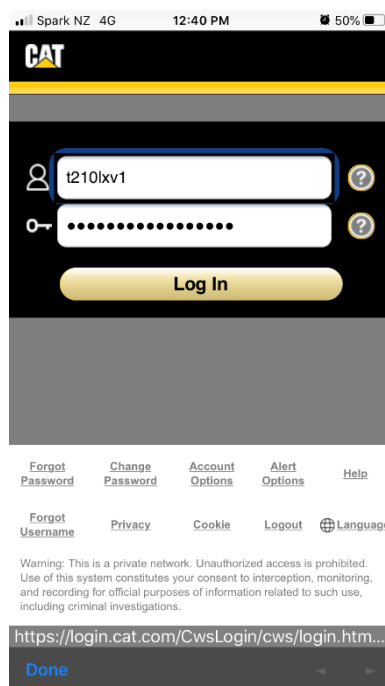
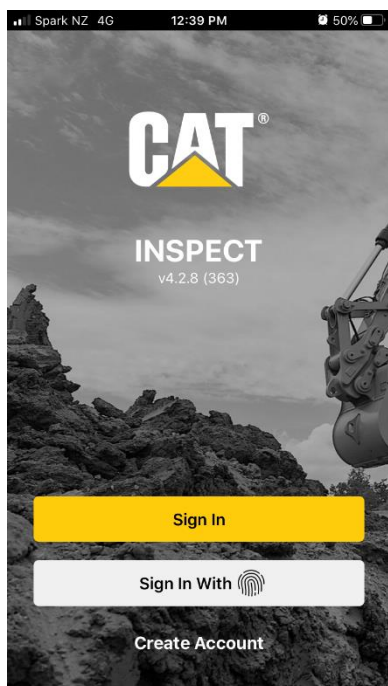
Explanation on Loading SOS Samples onto the CAT inspect app

References

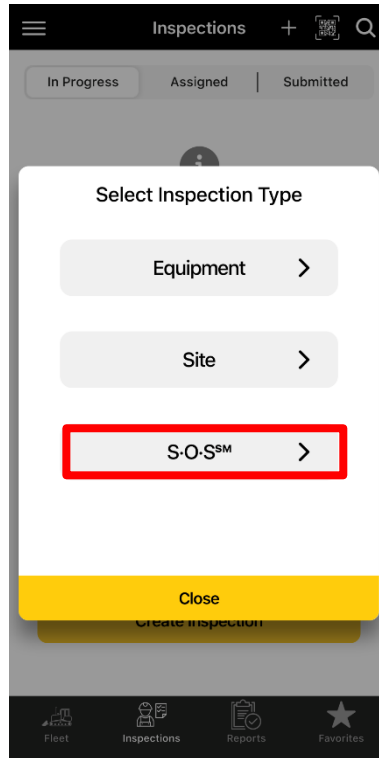
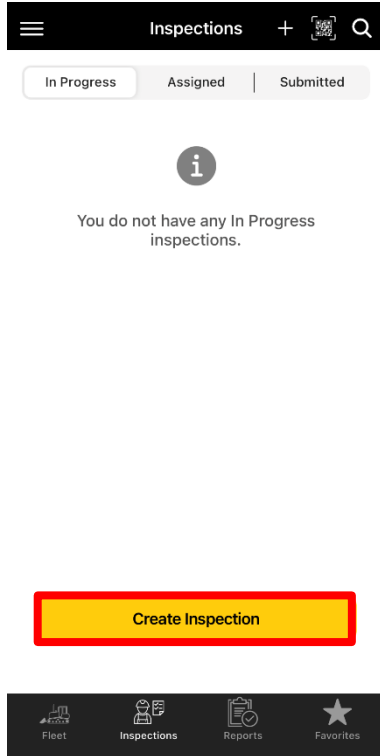
Cat Inspect App. Corporate Web Security Identification (CWSID) / user name

Steps

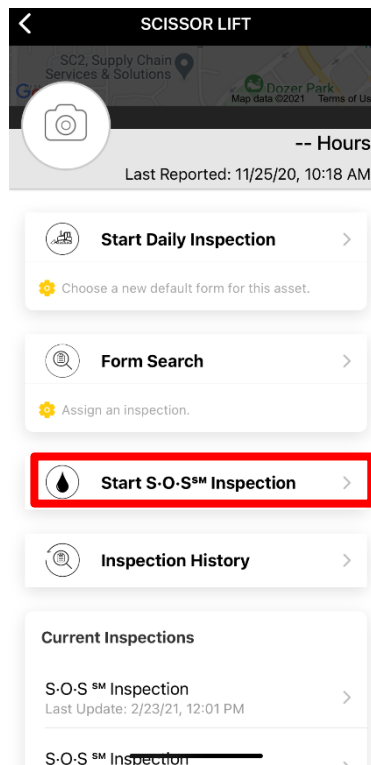
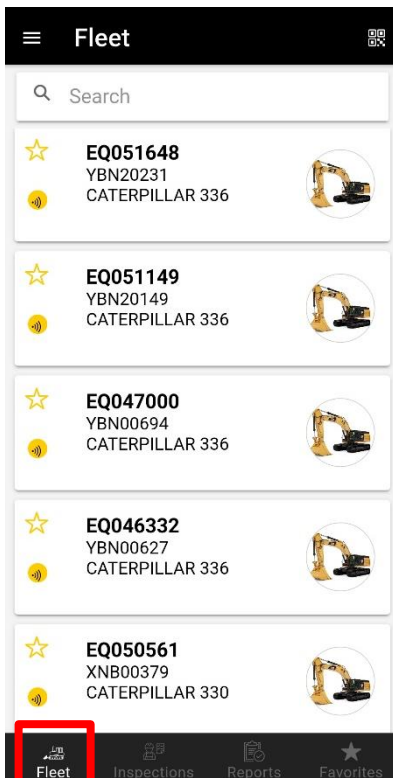
1. Login to the CAT inspect Application using your CWSID



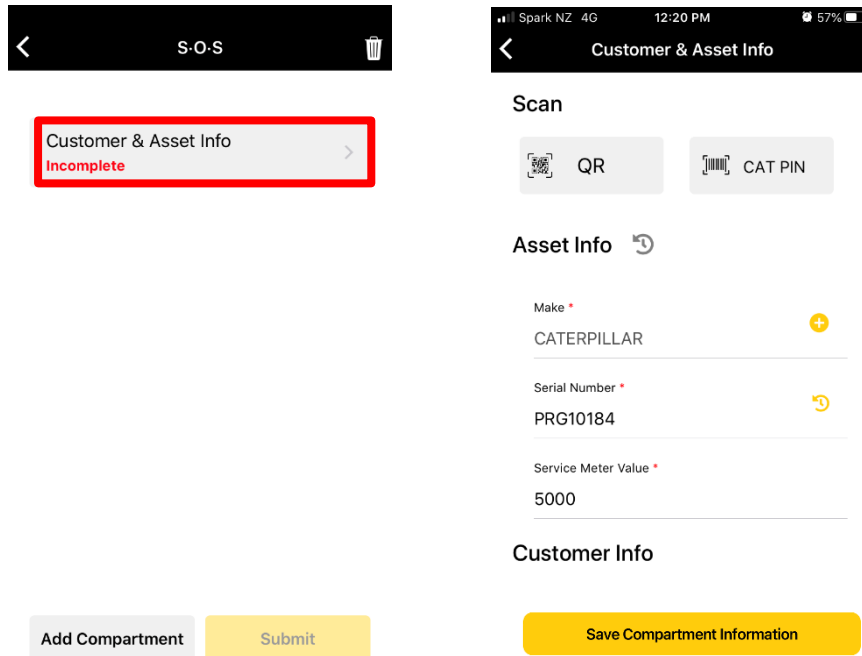
2. Create an inspection and select SOS OR search for your equipment in the fleet screen and select the equipment and then “start SOS inspection”



OR



3. Select the Customer & Asset info button and then either add the details or scan the Assets QR code to fill in these details automatically, if you selected option 2 above the customer info should pre-populate



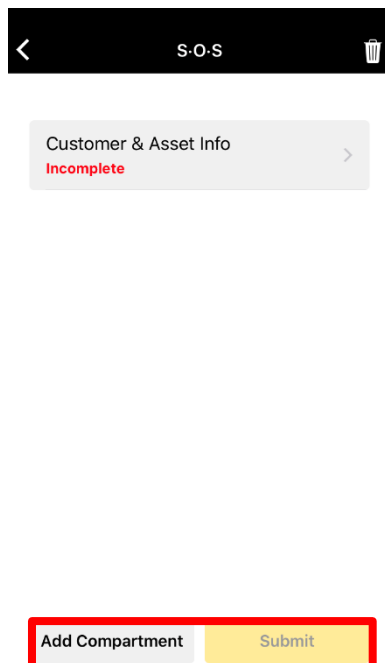
The left screenshot shows the 'S.O.S' screen with a 'Customer & Asset Info' button highlighted in red. The right screenshot shows the 'Customer & Asset Info' screen with the following details:

- Scan: QR, CAT PIN
- Asset Info: Make * CATERPILLAR, Serial Number * PRG10184, Service Meter Value * 5000
- Customer Info: Save Compartment Information

Buttons: Add Compartment, Submit, Save Compartment Information

Note: All compulsory details will have a red * by them, these must be filled out to submit your samples

4. Once all Asset details and customer information has been added, select Add Compartment



The screenshot shows the 'S.O.S' screen with the 'Customer & Asset Info' button highlighted in red. The 'Add Compartment' button is also highlighted in red.

5. Scan the barcode of the bottle you are about to use or enter in the number on the sample bottle in the "Sample Number" section



Scan Barcode →

Sample Number *
Enter sample number

Compartment *
Select Compartment +

Fluid Changed

Filter Changed

Fluid Brand
Select Fluid Brand +

Fluid Weight
Select Fluid Weight +

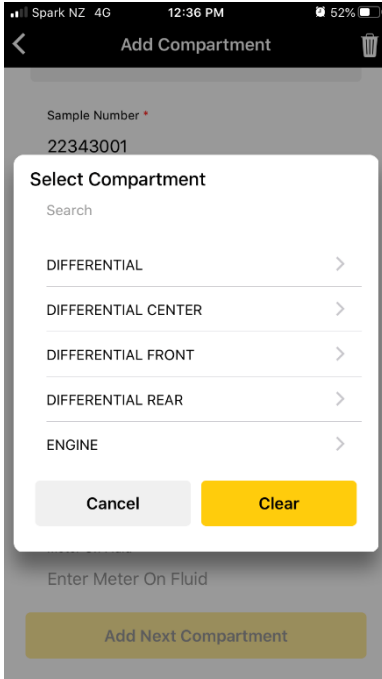
Meter On Fluid
Enter Meter On Fluid

Add Next Compartment



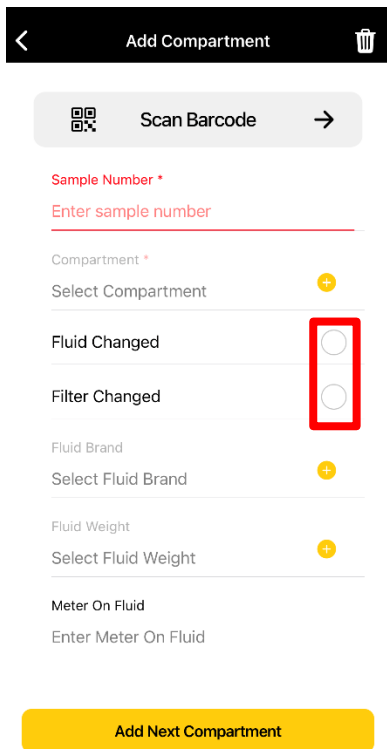
Note: If an incorrect sample number has been added the system will not let you submit the samples, see step 13 for more details

6. Select the compartment by scrolling down to the correct one or using the search bar at the top you are sampling and write this onto the label in the space provided



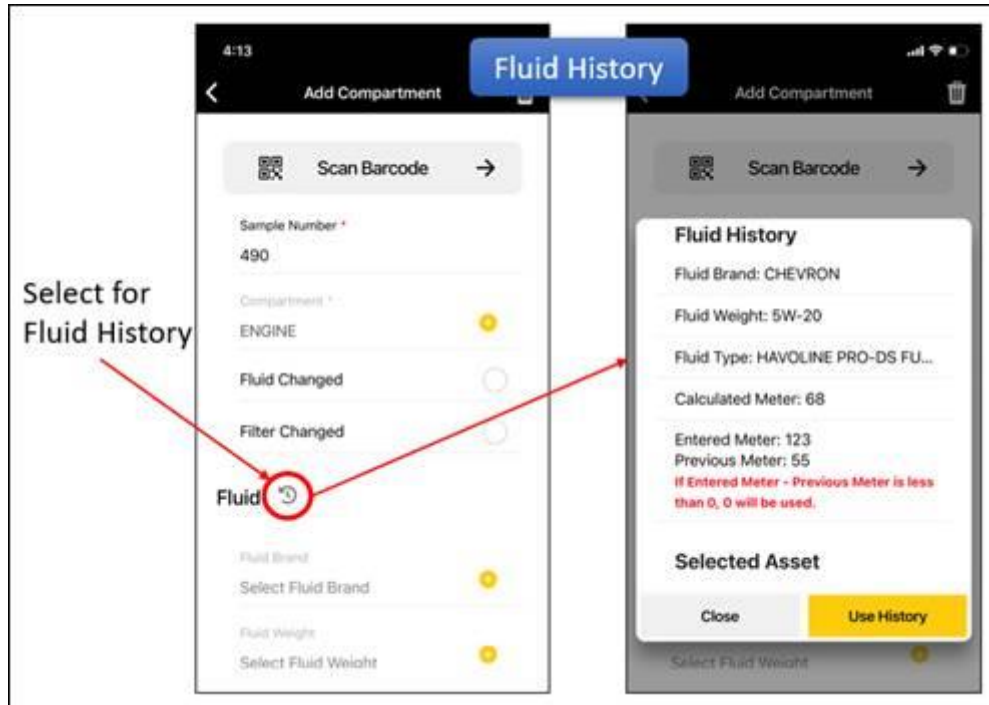
Note: The app will remember previously searched compartment, so you do not need to search each time

7. If you have changed your filter and fluid select the tick boxes



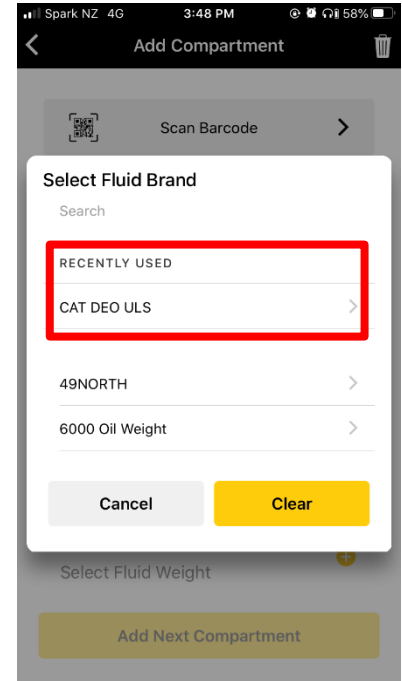
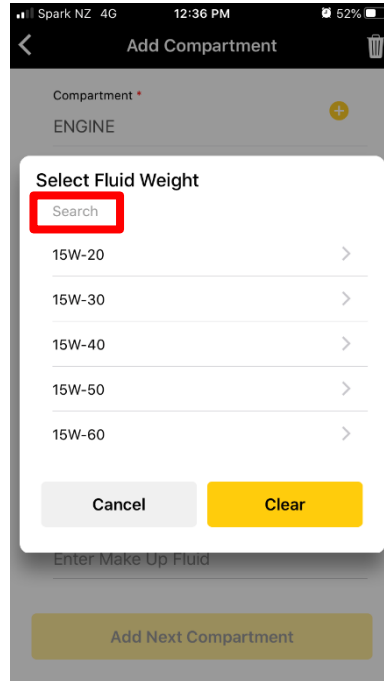
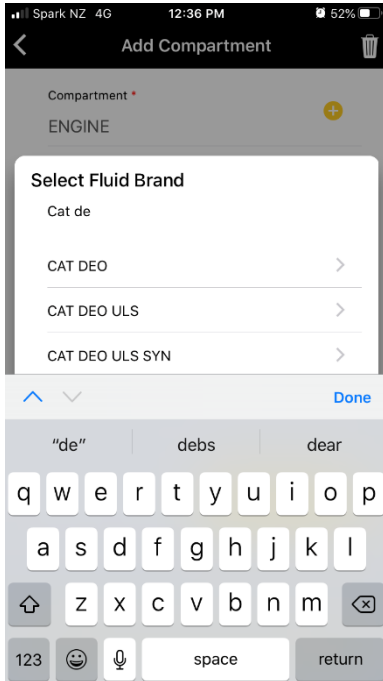
Note: You can delete a compartment if needed, see step 14

8. If your details remain the same as the previous sample, you can select the fluid history button. This will also calculate out your meter on fluid.



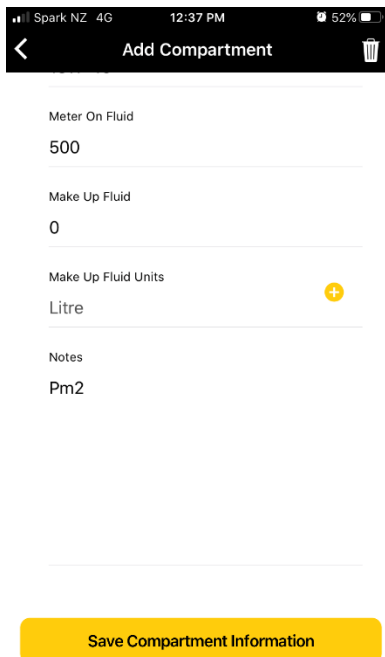
Alternatively you can enter the details manually as below

Select your oil type and grade (you can use the search bar to find them or scroll down through the different oils)



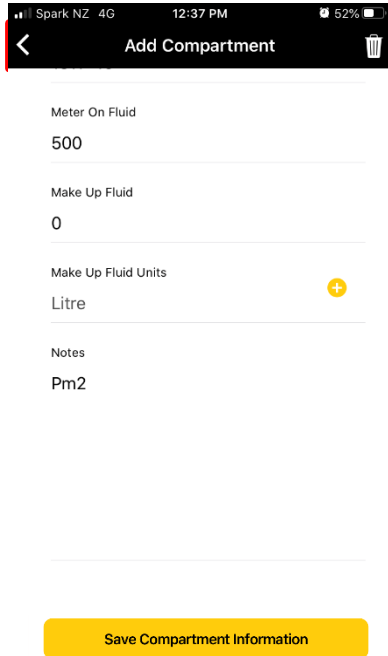
Note: The app will remember recently used oil types and weights, so you do not need to search each time

9. Complete the Meter on Fluid, Make up Fluid, Make up fluid Units and Notes

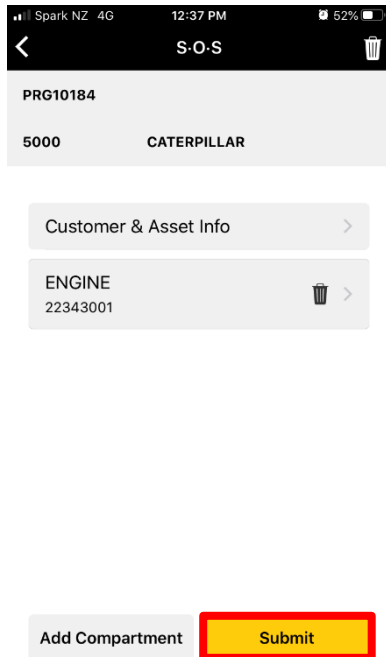


- Determine the meter on fluid using your review of previous SOS results or select the fluid history in step 8 above to prepopulate the meter on fluid
- Make up fluid is what has been topped up during the previous interval. **NOT THE COMPARTMENT CAPACITY**
- Make up fluid units this will most likely always be Litres
- Notes is anything you want on the report or want the lab to know eg. dusty environment, possible diesel fuel dilution, debris found in filter etc.

- 10.** Select save compartment information, this will take you back to the previous screen. If you need to add another compartment to sample, select “Add Next Compartment” and repeats steps 5-8. If you have entered in all the compartments needed select the back arrow at the top left hand corner.



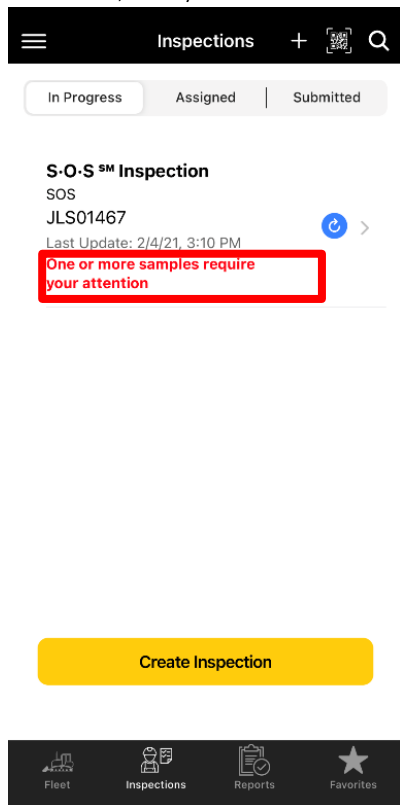
- 11.** Once all compartments have been added, select the submit button to send the details through to the lab



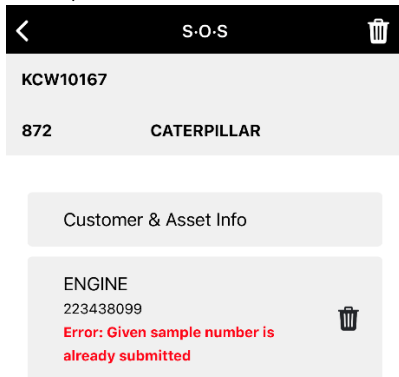
Note: You can delete a compartment if needed, see step 14

12. Place the sample into the canister provided and send it off to the lab to be analysed

13. After submitting your sample, if there are any issues with the sample they will appear back under the “In Progress” tab of the main screen. The red writing will alert you that one or more samples require your attention, and you will need to enter the sample to see more details

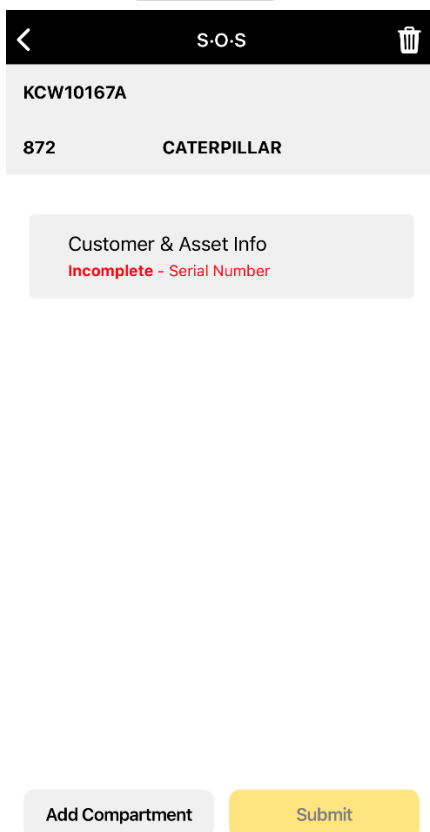


Examples of errors below




The screenshot shows the SOS application interface. At the top, there is a navigation bar with a back arrow, the text 'S.O.S', and a trash icon. Below this, the sample ID 'KCW10167' is displayed. Underneath, the number '872' and the brand 'CATERPILLAR' are shown. A section titled 'Customer & Asset Info' is visible. Below that, the 'ENGINE' section shows the serial number '223438099'. A red error message states: 'Error: Given sample number is already submitted'. A trash icon is located to the right of the error message. At the bottom, there are two buttons: 'Add Compartment' and 'Submit'.


This error means the sample number on the QR code is either incorrect or has been used/ entered for a different sample. Check the other samples QR codes and numbers to make sure they are correct. Each QR code should have 9 digits



The screenshot shows the SOS application interface. At the top, there is a navigation bar with a back arrow, the text 'S.O.S', and a trash icon. Below this, the sample ID 'KCW10167A' is displayed. Underneath, the number '872' and the brand 'CATERPILLAR' are shown. A section titled 'Customer & Asset Info' is visible. Below that, the 'ENGINE' section shows the serial number 'Incomplete - Serial Number'. At the bottom, there are two buttons: 'Add Compartment' and 'Submit'.

This error means the serial number is either incorrect or incomplete, ensure the correct serial number for the machine is input (CAT Serial numbers must be the 8 digits/ letters)



< S-O-S 

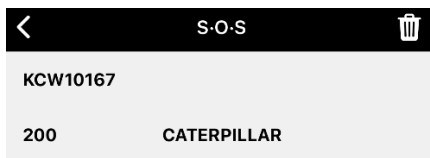
KCW10167


CATERPILLAR

Customer & Asset Info
Incomplete - Service Meter Value

This error means the Service meter value has not been input

Add Compartment Submit





< S-O-S 

KCW10167

200 CATERPILLAR

Customer & Asset Info

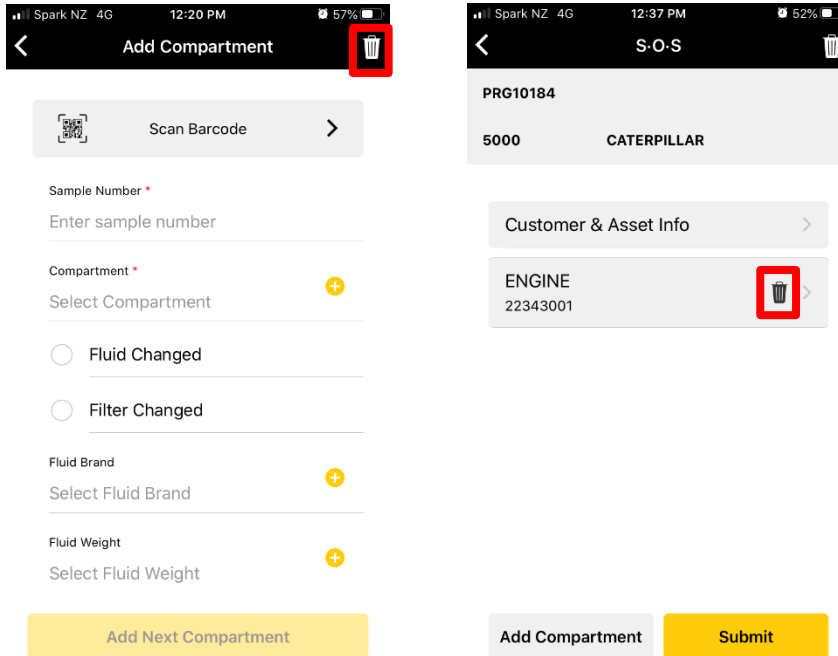
ENGINE
223438099 

Incomplete - Sample Number
Incomplete - Compartment 

This error means the Sample number is missing and the compartment is missing. If this compartment was added by mistake and not needed, you can delete this compartment by following step 15. NOTE: You sample cannot be submitted with these outstanding compartments here

Add Compartment Submit

- 14.** When a compartment has been added by accident or you do not need to sample a compartment that has been added already, you can select the bin icon to delete the compartment.



This can be done when in the add compartment screen or on the SOS screen before submitting

NOTE: You will not be able to submit the sample with extra compartments in this area that are not filled out