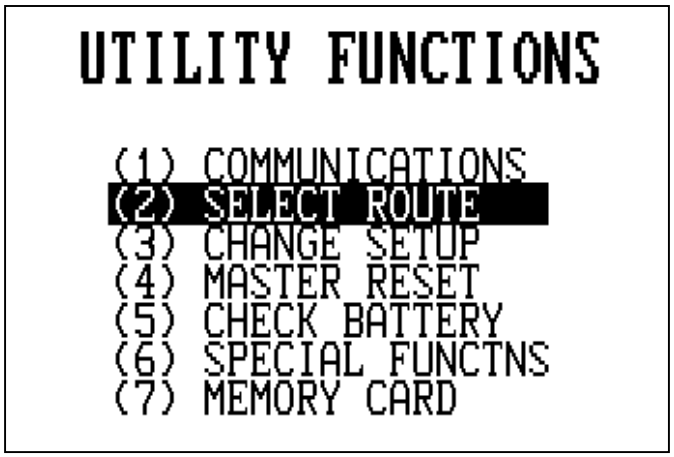
TAKING DATA ON A MACHINE

USING THE CSI 2117 MACHINERY ANALYZER

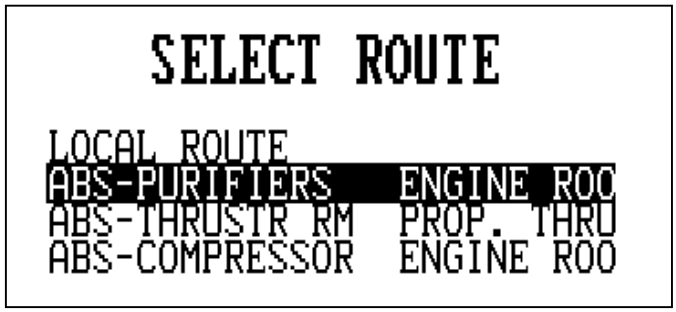
1. When at the machine you are going to take vibration data on, turn on the CSI 2117 Analyzer.

2. Press the ***Utilities*** button.

3. Press the ***Select Route*** button.



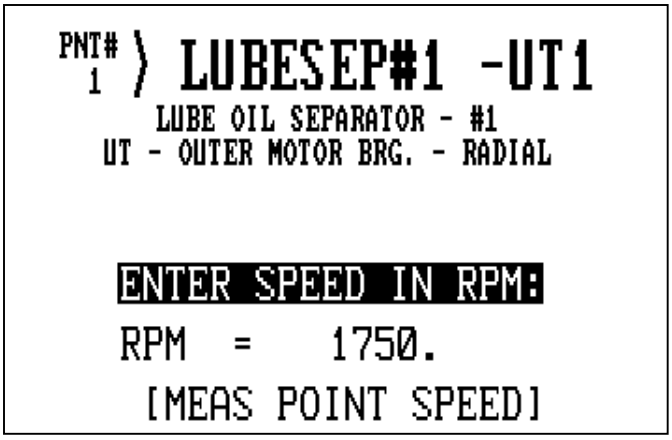
4. Use the up ⇧ and down ⇩ buttons to scroll to the route that you want is highlighted.



5. Press the ***Enter*** button to enter Route.

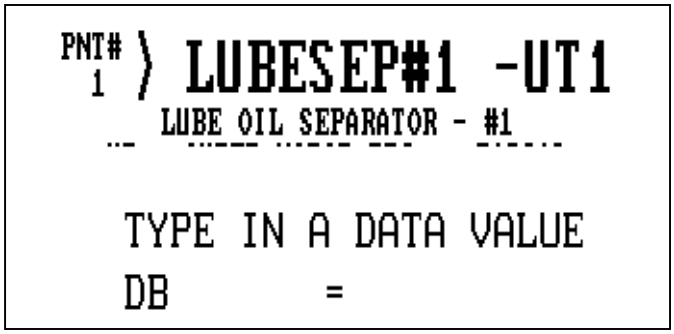
6. Press the ***Reset*** button to go to the machine data collection screen.

7. Scroll to the machine that you want to take data on by using the left ⇦ and right ⇨ buttons. Once at the machine, press the ***Enter*** button to enter Ultrasound (UT) data.



8. When the above screen appears, verify that the correct RPM is shown. If not correct, enter the correct RPM using the Numerical Keypad on the Analyzer.

9. Press the ***Enter*** button.

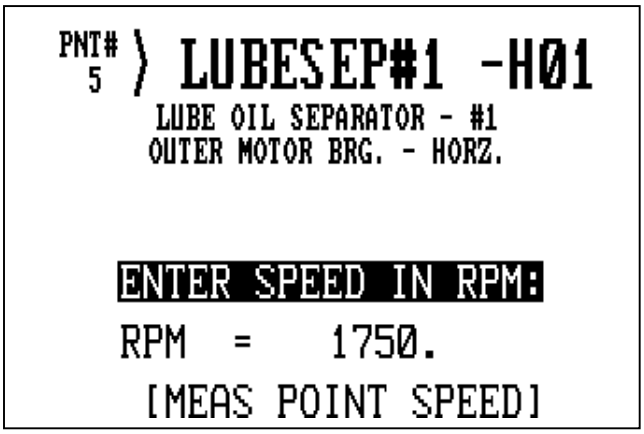


10. Enter the UT Decibel numeric value (obtained from the Ultrasound Meter's LED Screen) by using the numerical keypad on the 2117 Analyzer.

11. Press ***Enter*** to accept the value

12. Press the up ⇧ button to move to the next ultrasound (UT) point and repeat steps #10 & #11 until all the UT points have been entered.

TAKING DATA ON A MACHINE (CONT).



13. The above screen shows you're at the first vibration data measurement point (MPT).

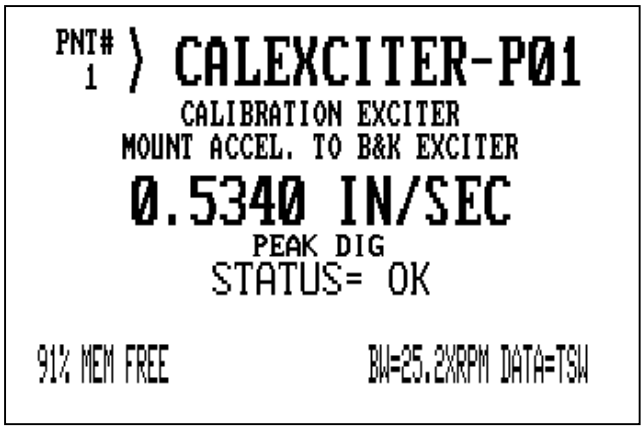
14. Press the ***Enter*** button.

15. Verify the RPM (see step #8 & #9). Key in any change that needs to be made to the RPM with the numerical keypad on the 2117 Analyzer.

16. If the above screen appears, check to make sure that the accelerometer is connected securely/correctly to the cable and the cable is connected properly to the 2117 Analyzer.

17. Press the ***Enter*** button. (Repeat steps #13 - #15).

18. If the above screen did not appear, skip #16 & #17 and go directly to step #19.



19. Once the 2117 Analyzer has finished taking the date for this measurement point (MPT), you will see the above screen.

20. Press the up ⇧ arrow button to continue to the next point.

21. Repeat steps #4 - #15 & #19 - #20 until all the data on each machine (vibration and ultrasound) in each of the routes has been acquired.