

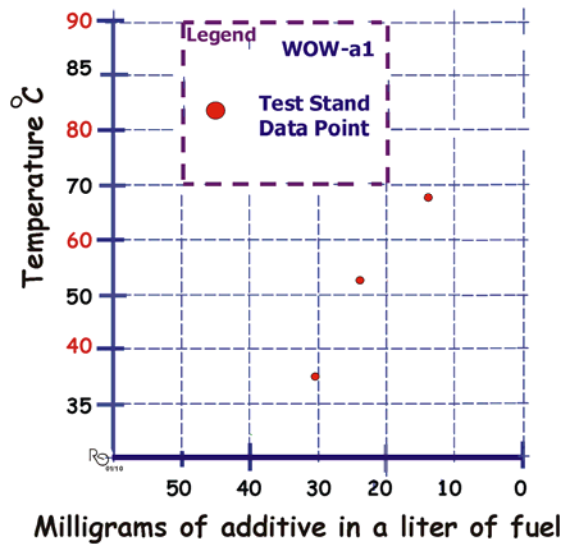
### sTEem Puzzle Number 3

To bend that great line that Humphrey Bogart delivers toward the end of the movie “Treasure of the Sierra Nevada” --”Answers! Answers! We don't need no stinking answers!!—We will continue with another puzzle and explore the answer later. Actually, at this point you may begin to see the theme behind this grouping of puzzles, but for now, here is the new situation. Someday that will be answers, promise!

This time your technical position is that of a fuel analysis specialist. The budget for this test series allows for three test stand data points to be obtained. That task done, your recommendation is also expected in the report.

(By the way, did the actor that delivered the real line “badges, badges, we don't need no stinking badges!” become famous?)

#### Diesel Fuel Additive Volatility



- Volvo Engineers have determined that for a specific diesel power plant
- a fuel additive would be required so that it had a concentration of 40 milligram per liter of diesel when the temperature of the fuel is 20°C.
- The volatility test results for a candidate additive, WOW-a1 are as presented above.

The fuel additive, WOW-a1, will meet the requirements for this diesel power plant application.

Yes No