



Caterpillar Uses Memorator For Machine Demo

Kvaser's latest case study outlines the use of a Kvaser Memorator Pro 2xHS v2 to simulate a Caterpillar engine.



Overview:

Sean Zhang, a field Application engineer for Caterpillar Oil & Gas, used a Kvaser Memorator Pro 2xHS v2 dual channel CAN interface and datalogger to record CAN data in a demonstration of Caterpillar's C15 diesel generator at the CIPPE show in Beijing this year.

Problem:

To demo Caterpillar's new Product Link remote monitoring solution at the CIPPE exhibition in Beijing, they required an engine to be operating. The exhibition rules prevented them from running the engine, though. So they needed to simulate the data inputs and outputs of a "live" engine.

Kvaser's Solution:

Sean Zhang and Derek Sum, Kvaser's support engineer, collaborated to simulate the running engine using the **Kvaser Memorator Pro 2xHS v2**. Derek Sum particularly helped by writing *t* programs for the live demonstration. *t* Programs allow sophisticated scripted programs to run directly on the Memorator, eliminating the need for a PC in the loop.

'Kvaser Memorator Pro 2xHS v2 provided perfect performance data for the show.' – Sean Zhang

Zhang also uses Kvaser interfaces and dataloggers in his daily fieldwork: "Kvaser has been one important and essential tool in my daily work. The Memorator lets me record from CAN bus easily and helps to catch valuable data or find problems. The reason we chose Kvaser is simple: it is convenient to use and recording is complete, without any missing data. The data can also be output or converted to many types of analysis tool. Thanks again Derek for help on the programming!"

Find out more about the Kvaser Memorator Pro 2xHS v2 by clicking [here](#).