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To Whom it May Concern:

Re: Jinan Engine Works Model Z8V190D-2 Diesel Engine

A BACKGROUND TO THE ATTACHED REPORT

As this report is written in Chinese and specifically for their internal professional engineers use, we have taken the liberty of providing a background history and explanation of the test.

Shengli Shandong Oil Company is the largest oil exploration company in China and the engine in question is used as the main power for their oil rigs and power generation plants.

This company tested Fuel Stick on engines in the field and could not believe the improvement in performance, power and exhaust emissions reduction. To this end they decided to do a full performance evaluation of the product on a standard engine which they took out of operation in the oil fields to simulate the exact condition of a normal working engine.

This engine was taken to the engine manufacturing plant – Jinan Engine Works in Dongying China and put on a dynamometer test bed. Tests were conducted by the engine manufacturer's engineers under the supervision of the Jinan Internal Combustion University senior staff and witnessed by an engineer from their government accreditation laboratory.

The test results on the following page are a summary of the full report and after further lab tests to ensure the product would not harm engines, Fuel Stick was duly certified by the China National Accreditation Laboratory

This test was conducted on a very short time frame but from a layman's point of view, the most significant figures are the reductions in exhaust smoke emissions and fuel consumption. The coefficient of performance improvement of 6.6% under these conditions is outstanding. Field tests also confirm that extended use of Fuel Stick gradually improves this result as the engine compression chambers and fuel system are cleaned.

Kind Regards

Barry Barmby
Director