Quality Petroleum Equipment
Solutions for Over 20 Years

August 30, 2011

Subj: VMI Compatibility with Biodiesel and Alcohol Fuels

To Whom It May Concern:

In November 2006, VMI completed a component material change allowing our entire product line to be used in biodiesel and alcohol fuel blends up to and including 100%. VMI product brochures printed since 08/06 contain this and other pertinent information. The standard VMI warranty applies to products installed in biodiesel and alcohol fuels through 100% concentrations. While all VMI products have been modified for use with up to 100% alcohol fuel, we feel it important to note that long term exposure to copper vent and supply lines may be compromised by high concentrations of alcohol fuel. To address this, please refer to the next paragraph.

Line Monitoring / Overfill Protection

To modify VMI line leak detection and overfill protection equipment to monitor / protect lines containing biodiesel over 5% concentrations or ethanol / methanol over 20% concentrations, substitute stainless steel tubing and fittings in place of standard copper/brass normally supplied. Stainless steel fitting and tubing kits are available for every item VMI produces.

Test Equipment

VMI manufactures a leak detector tester designed for testing systems containing biodiesel over 5% and alcohol fuel concentrations over 20%. For long service life testing lines with over a 5% concentration of biodiesel or a concentration of ethanol or methanol over 20%, the LDT-890\AF should be chosen. Due to the VMI method of generating leaks, an accurate 3 GPH @ 10 psi leak rate will be created regardless of the fuel being tested or its viscosity. The LDT-890\AF can also be used to test on standard gasoline and diesel lines.

Please contact me if you have any questions.

Sincerely,

Gabe Messerly
National Sales Manager