

## **AUTOMATIC VISCOSITY ANALYZER FOR PETROL INDUSTRY**

### **Unprecedented results in fuel oil processes**

**France (April, 2011)** – Sofraser's Thermoset MIVI for heavy fuel oil processes procures unprecedented results, and users in numerous refineries give enthusiastic feedback. Two great advantages commonly highlighted are the easy installation close to the process flow and the absence of clogging which provides a permanent measure. These characteristics of the Thermoset MIVI significantly improve production efficiency, thanks to the careful treatment of viscous products and a simplified viscosity measure at reference temperature. The integrated measuring chamber and the absence of a bath or oven allow less downtime, which is frequently linked to cleaning or maintenance operations.

With the Sofraser's Thermoset MIVI, the fluid is drawn from the process, taken to the required temperature, the viscosity is measured in correlation with ASTM D445, and the fluid is re-injected into the main line. When adjusting two reference temperatures at 100°C and 40°C, the Thermoset MIVI is able to calculate the viscosity index according to ASTM 2270-04. It is the ideal process instrument for viscosity control of petroleum products and lubricants.

The Thermoset MIVI utilizes the recognized advancements of Sofraser's MIVI viscosity sensors: their excellent reliability, repeatability, and large measurement capabilities. Moreover, the ATEX approved design, density measurement option, and specific customized design make Sofraser's MIVI the reference solution for viscosity control.

#### **About Sofraser**

Sofraser is the only 30+ year fluid specialist and is the inventor of the vibrating-type viscometer at resonance frequency. Patented in 1981, it is now widely considered the most reliable in-process instrumentation. For more information on our products and to access our expertise, visit our website [www.sofraser.com](http://www.sofraser.com) or contact us at [instruments@sofraser.com](mailto:instruments@sofraser.com).