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Contact: Michael D'Alelio
(339) 674-9151

New Rugged Viscometer Withstands Harsh EOR Conditions

Boston—Cambridge Viscosity has developed a new rugged, RTJ-flanged in-line process viscometer for a leading global oil company's Enhanced Oil Recovery (EOR) application in the North Sea. Cambridge designed the SPL-393 viscometer for use offshore, where safety and reliability are not just a priority but also a necessity. The new viscometer meets all electrical, plumbing material, pressure and temperature requirements for use on a platform where environmental conditions can reach extremes.

The sensor connects into a pipeline using a standard ANSI class 900/1500 2" RTJ round flange. The rugged 316SS construction can withstand up to 2200 PSI and 190 degrees C, and has long penetration for large diameter pipes. The SPL 393 satisfies ASME PTC 19.3 Thermowells requirements. The new sensor is designed for highly accurate, repeatable viscosity readings and clean-in-place simplicity. Coupled with Cambridge's standard VISCOPro 2000 or Digital Viscometer: VISCOPro 1600 electronics, the sensor has sophisticated multi-shear compatibilities.

Cambridge President Robert Kasameyer says, "We are very excited to introduce this product designed to meet the specific needs of the petroleum industry. The initial application of the SPL-393 sensor in EOR oil production improves production efficiency while withstanding harsh offshore drilling conditions. Our customer is achieving repeatable, reliable viscosity measurements that contribute to better control of EOR operations."

About Cambridge Viscosity
Cambridge Viscosity, a leader in small sample viscometer systems for laboratory and process environments, designs automated viscometers used worldwide in petroleum, exploration and refining applications to ensure accurate viscosity in both lab and operations. Cambridge's worldwide reach is important for providing application engineering support and service wherever and whenever needed.

Cambridge Viscosity's sensors and viscometer systems conform to ASTM, DIN, JIS and ISO standards, with a range of models designed to meet specific industry and application needs. To learn more visit www.cambridgeviscosity.com.