

**FOR RELEASE**

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***Vectron International Supported by OELCHECK's Experience to Provide ViSmart™ Viscosity Sensor to German Customers***

*Vectron's Low Shear ViSmart is First Viscosity Sensor Product Validated by OELCHECK*

**NUREMBERG, GERMANY —May 22, 2007** —The Sensors & Advanced Packaging (SAP) business unit of Vectron International, a leader in the design, manufacture and marketing of Frequency Control, Sensor, and Hybrid Product solutions, today announced from Sensors + Test that it has entered into a ground-breaking partnership with OELCHECK GmbH, the world leader in lubricant analysis and related consultation. OELCHECK is now rigorously testing Vectron's low shear ViSmart™ viscosity sensor in various oil types, including diesel, hydraulic, turbine and gearbox oils. OELCHECK will accompany the field tests of the ViSmart sensor together with its oil analysis reports supported by their deep knowledge in tribology for customers in Europe, as part of its overall services offered in regard to oil condition monitoring and data analysis. The two companies will be discussing their joint offering and demonstrating Vectron's ViSmart sensor in Vectron's booth, Hall 7, Booth 7-302 at the Sensors + Test exhibition in Nuremberg.

“At OELCHECK, we are committed to providing our customers with the highest technological standards and the highest caliber of suitably qualified and experienced staff, as we work to help them effectively monitor the condition of their oil to reduce maintenance costs and improve productivity,” said Peter Weismann, president, OELCHECK GmbH. “We are confident that Vectron's first-of-its-kind low shear

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ViSmart viscosity sensor, combined with our deep knowledge base and expertise in oil condition monitoring, will help allow our customers in the mobile and fixed asset markets the opportunity to significantly advance the state of their maintenance programs affording increased time and costs savings through real-time oil analysis.”

“Our low shear ViSmart viscosity sensor is the first commercially available sensor that is the size of a half inch bolt and can instantaneously measure viscosity and temperature with semiconductor technology for real-time in-line embedded applications. With no moving parts and hermetically sealed electronics, the ViSmart viscosity sensor does not require calibration and is built for long-term usage in fully immersible embedded applications,” said Kerem Durdag, director of business development, SAP business, Vectron International. “The validation of this sensor is being performed at OELCHECK. The sensor platform further establishes our expertise and leadership in providing reliable, real-time, in-process viscosity data and we are pleased to be working with an institute of such high regard in the oil and wear particle analysis market.”

To determine the ability of Vectron’s low shear ViSmart sensor to measure and monitor viscosity changes as a function of oil condition for both fixed and mobile assets, OELCHECK is testing the sensor across a wide temperature spectrum ranging from -10 degrees Celsius to 105 degrees Celsius in various oil types, including diesel, hydraulic, turbine and gearbox oils. Correlation functions are being created to map the data collected from the ViSmart sensor to industry benchmark data collected from a standard lab rheometer. This will determine whether the ViSmart sensor is capable of measuring and monitoring viscosity as well as industry standard lab instruments. OELCHECK is willing to support the introduction of the ViSmart sensor together with the use of oil analysis to find out if the sensor is a qualified small, fully embeddable and real-time addition to standard laboratory sample tests.

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The low shear ViSmart viscosity sensor uses robust and reliable semiconductor technology, has no moving parts, and is sealed for complete immersion. It is unaffected by vibration or flow conditions, and does not need field calibration and is packaged in a very portable, lightweight size at 0.5 x 3.0 inches (12.7 mm x 76.2 mm) and 8 ounces. It measures viscosity of lubricants from ISO VG 10 to ISO VG 460 at 40 degrees Celsius and is rated for temperatures up to 125 degrees Celsius in the standard package, with custom options and configurations available for specific industry applications and process requirements.

For more information on the ViSmart sensor please contact Vectron's fluid sensors sales team at 603-578-4077. For more information on other Acoustic Wave Sensors from Vectron please contact a customer service representative at 1-88-VECTRON-1 or visit [www.visensors.com](http://www.visensors.com).

### **About OELCHECK**

- ✓ Founded in 1991 as a 100% family-owned business
- ✓ The only independent laboratory for used oil-analysis in Germany analysing and diagnosing samples within 24 hours
- ✓ Employees 40 motivated professionals
- ✓ Quality-Management-System according to DIN EN ISO 9001 since 1995
- ✓ Environment-Management-System according to DIN EN ISO 14001 since 1999
- ✓ More than 800,000 samples in the data base
- ✓ More than 100,000 samples analyzed per year
- ✓ More than 15,000 customers
- ✓ 4 days seminars regarding "Lubrication and Oil-Analysis", tailored in-house-training sessions about Tribology topics

The OELCHECK-laboratory is located 70 km southeast of Munich. Please visit our Website for more information [www.oelcheck.de](http://www.oelcheck.de)

### **About Vectron International**

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*Helping Customers Innovate, Improve & Grow*

Vectron International is a world leader in the design, manufacture and marketing of frequency control, sensor, and hybrid product solutions. Vectron solves complex timing, filtering and sensor challenges by delivering customized solutions that speed time to market and offer low total cost of ownership. Vectron uses the very latest techniques in both bulk acoustic wave (BAW) and surface acoustic wave (SAW) based designs from DC to microwave frequencies. Committed to the industry's highest quality service standard and complete satisfaction, Vectron International leverages its global footprint and 50 years of experience to help customers achieve competitive differentiation and improve their bottom line. Vectron International is headquartered in Hudson, NH and has operating facilities and sales offices in North America, Europe and Asia. For more information, please call 1-88-VECTRON-1 or visit [www.vectron.com](http://www.vectron.com).

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