

Unist has launched its latest coil stock lubrication system, designed to provide a consistent application under variable conditions.

An advancement on the company's SPR-2000 controller, and incorporating Unist's Uni-Roller Type S fluid applicator, the Apex system uses an electronically-controlled positive-displacement pump which provides precise and repeatable volumes of lubricant to the coil, says the company.

The performance of the pump is unaffected by changes in fluid viscosity, thereby ensuring consistent lubricant application under a variable ambient temperature.

Designed to coat both sides of the coil stock, the system is operated through a PLC-based touch-screen interface, providing easier set-up, trouble-shooting and monitoring. Remote access is available through an ethernet connection.

The Apex system also offers active monitoring of the main production parameters, alerting the operator of potential problems and shutting down the press when any critical issues arise.

Unist, 4134 36th Street SE, Grand Rapids, Michigan 49512, USA. Tel: 1 616 949 0853. Fax: 1 616 949 9503. Website: www.unist.com

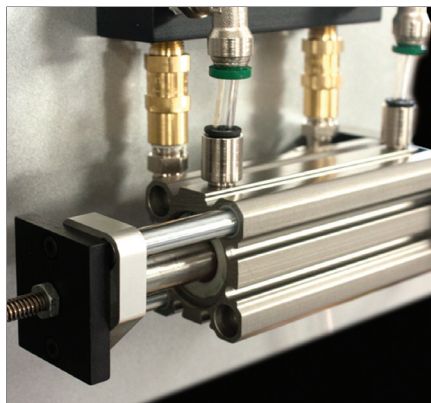
- US-based Jax has introduced a range of lubricants and chemical treatments, designed for air compressors used in canmaking and end-making plants.

Compresyn Flush Fluid C-46 is a compressor lubricant which contains synthetic base fluids and a dispersant additive system designed to remove varnish, sludge and carbon deposits, while the Compresyn Flush Fluid V-100 is formulated for the start-up or general maintenance of process equipment and vacuum pump systems, and is designed to disperse particles and provide a superior cleaning performance, says the company.

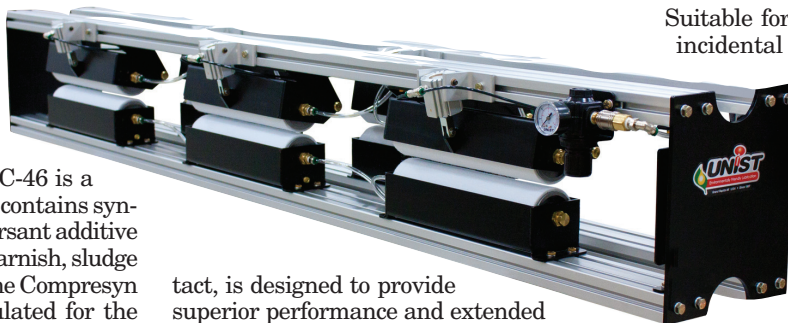
Recently launched is the Compresyn 550 series of lubricants, based on a patent-pending blend of synthetic polyglycols, esters, and additives. The range is authorised for use with incidental food con-

Well-oiled machines

The latest developments in lubrication include a range of food-safe products, and an application system designed for consistent performance. Daniel Searle reports



The Apex lubricant application system from Unist uses an electronically-controlled pump and offers precision and repeatability



tact, is designed to provide superior performance and extended drain capabilities, and is particularly suited for use in rotary screw compressors.

The Compresyn 250 series are semi-synthetic lubricants which incorporate food-grade synthetic base oils and white oils, and meet the USDA/NSF H1 requirements. The 405 series is made from fully-synthetic, shear-stable H1-approved oils, and reduces component wear, corrosion, water damage, and lubricant breakdown.

coolant from the filtration system and doses it with the Acti-Cel C product, which causes any dirt and metallic particles to separate from the coolant.

These are then removed and the treated coolant is returned to the filtration system. Treatment is required around once or twice every 24 hours, says the company, depending on the size of cans and the production speeds.

Benefits include a 45-percent reduction in particle counts; 40-percent

Also available from Jax are the Compresyn 545 series of lubricating oils, which are suitable for a range of air compressors and vacuum pumps, and meet the USDA/NSF H1 standards. Other benefits include low fluid volatility and friction, and improved water demulsibility, hydrolytic stability, sealing performance, wear protection and fluid dispersion.

Jax, W134 N5373 Campbell Drive, Menomonee Falls, Wisconsin 53051-7023, USA. Tel: 1 262 781 8850. Fax: 1 262 781 3906. Website: www.jax.com

- Cortec has launched a food-grade lubricant suitable for canmaking and food canning applications.

The CorrLube Food Grade Penetrant, developed by Minnesota-based Cortec, is a light-duty lubricating oil, fully approved to USDA H-1 standards.

Suitable for use on machinery where incidental contact with food may occur, the product works as a lubricant for moving parts, to improve operation and to free corroded components.

The product can also be used to protect metal parts from corrosion, with the low surface tension allowing for economical applications.

Incorporated into the CorrLube Penetrant is an anti-bacterial preservative which prevents the growth of bacteria often present in conventional lubricants, says Cortec.

Cortec, 4119 White Bear Parkway, St. Paul, Minnesota 55110, USA. Tel: 1 651 429 1100. Fax: 1 651 429 1122. Website: www.cortecvci.com



longer tooling life; a 55-percent reduction in short can rates; and a 75-percent increase in the length of filter runs.

Further advantages include cleaner bodymakers and conveyors; more control over tramp oil levels; and a reduction in metal exposure levels.

J.R. Schneider, 849 Jackson Street, Benicia, California 94510, USA. Tel: 1 707 745 0404. Fax: 1 707 745 1246. Website: www.jrschneider.com

Improve D&I production with coolant filtration

A filtration aid for D&I coolants and emulsions said to improve tooling life and coolant life has been introduced by J.R. Schneider.

The US-based company designed Acti-Cel C as a treatment for the cleaning of coolants and emulsions in the production of aluminium and steel D&I cans. Using a control unit and batch tank unit, the system transfers used