Packing Solution Reduces Flush Rates

Chesterton's SuperSet has been specifically designed to increase packing and equipment service life while dramatically reducing flush rates. It combines the sealing capabilities of the company's Mechanical Packing products (including enhanced performance, sealibility, leak prevention, chemical compatibility, strength, toughness and thermal characteristics) with the patented design of the EnviroSeal SpiralTrac™ Version P Environmental Controller for Packed Stuffing Boxes. The SpiralTrac Version P enhances the utilization of the flow and centrifugal effects around the shaft by performing like a centrifugal separator. The built-in tangential lantern ring and helical grooving system impart motion to the flush, and the resulting centrifugal force throws the particulates in the fluid to the outside of the bushing. The SpiralTrac grooving system then hydrodynamically pumps the solids to the bottom of the stuffing box and back into the pump casing.

A.W. Chesterton Co.
Woburn, MA

For more info, enter 261 at www.LMTfreeinfo.com

AODD Accessories Boost Pump Efficiency

Warren Rupp's SANDPIPER brand has launched a new, improved line of Air Filter/Regulators and Lubricators for air-operated double-diaphragm (AODD) pumps. Features include a liquid-filled pressure gauge, as well as accessories such as lockout valves and mounting bracket kits. These point-of-use Air Filter/Regulators have been specifically developed to reduce maintenance and lower operating costs. The addition of a Filter/Regulator will help prevent dirty, wet and contaminated compressed air from decreasing the performance of an AODD unit, and SANDPIPER recommends the use of these items with all of their pumps. Although the company's AODD pumping equipment is designed to operate without lubrication, in applications with poor-quality air supplies or where nitrogen runs the pump, lubrication of the compressed air is required. For these situations, SANPIPER offers a full-line of Lubricators that easily connect to its Filter/Regulators .

Warren Rupp, Inc.
A Unit of IDEX Corp.
Mansfield, OH

For more info, enter 262 at www.LMTfreeinfo.com

Next-Generation, Eco-Friendly PAGs

Lubriplate®'s PGO & PGO-FGL Series products are 100% polyalkylene glycol (PAG) fluids for gearboxes, bearings and chains operating in the most demanding conditions. They provide outstanding thermal stability, excellent extreme-pressure and anti-wear performance, protection against micropitting and exceed 13 stages of the FZG test. With their extremely low coefficient of friction, fluids in this series have been shown to reduce worm-gear energy use up to 7%. Free of zinc and other additives that could be undesirable in environmentally sensitive areas, they offer long service life and work well over extended fluid-change intervals, which conserves resources and helps ease waste-oil disposal problems. They're available by the gallon, as well as in 5-gal. pails and 55-gal. drums.

Lubriplate® Lubricants
Newark, NJ

For more info, enter 263 at www.LMTfreeinfo.com

Synthetic Improves Equipment Efficiency

Royal Purple's SYNFILM® GT is recommended for use in gas and steam turbines, blowers and vacuum pumps, bearings, gears, air tools, etc. It should be considered instead of SYNFILM® in applications where oil reservoir temperatures exceed 200 F, improved low-temperature fluidity is desired or when a viscosity grade is unavailable. Formulated with a superior blend of synthetic base oils plus Royal Purple's proprietary SYNERLEC® additive technology that's been proven to make equipment run smoother, cooler, quieter, longer and more efficiently, Synfilm GT rapidly and completely separates from water and has a very low-temperature fluidity. According to the company, the product offers excellent protection against rust and corrosion and is extremely oxidation-stable, which leads to long oil life and extended oil-drain intervals. It typically replaces conventional, low-film-strength R & O (rust and oxidation inhibited) oils that rely solely on their viscosity to protect equipment against wear.

Royal Purple
Porter, TX

For more info, enter 264 at www.LMTfreeinfo.com

Analyze Power And Quantify Energy Losses

According to Fluke, its 430 Series II Three-Phase Power Quality and Energy Analyzers not only offer exceptional power-quality analysis capabilities, they introduce, for the first time, the ability to monetarily quantify energy losses. The models in the Series II (the 434, 435 and 437) help locate, predict, prevent and troubleshoot power-quality problems in three-phase and single-phase power-distribution systems. Incorporating what the company calls revolutionary functions, they can help a facility reduce electrical-power consumption and improve the performance and lifespan of its electro-mechanical equipment. Capabilities include:

- **Frontline troubleshooting:** Quickly diagnose problems on-screen.
- **Energy loss management:** Measure and quantify causes of energy losses to enablesimple ROI, calculation of harmonics and unbalance mitigation.

- **Power inverter efficiency:** Simultaneously measure AC inputand DC out-put forpower electronics systems.
- **Dynamic load testing:** Capture instantaneous values to see the effect of load switch on generators and UPS systems.
- **Capture fast RMS data:** Show halfcycle and waveforms to characterize electrical system dynamics.
- **Predictive maintenance:** Detect and prevent power-quality issues before they cause downtime.
- **Quality of service compliance:** Validate incoming power quality at the service entrance.

- **Long-term analysis:** Uncover hard-to-find or intermittentissues.
- **Load studies:** Verify electrical system capacity before adding loads.

Fluke Corp.
Everette, WA

For more info, enter 265 at www.LMTfreeinfo.com

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