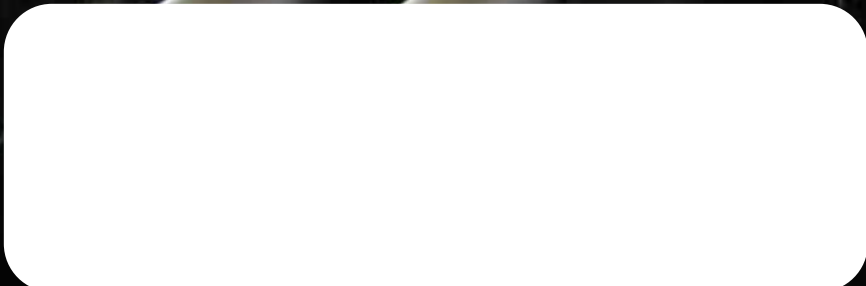


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ASCO Low-Power Solenoid Valve Series Introduced

ASCO Numatics has introduced a low-power solenoid valve series that offers .55 watt power consumption while providing highly reliable operating performance. The new valve is ideal for process applications in the refining, upstream oil and gas, chemical, pharmaceutical, food and beverage, and power generation industries.



ASCO's new low-power valve is an attractive choice for project and application engineers designing processing systems in remote locations or who want to install more devices on their bus networks. No other solenoid valve on the market delivers higher performance per watt.

The new solenoid valve is an optimal solution for applications powered by renewable energy sources such as solar panels. Its low-power consumption permits the use of smaller battery packs and enables extended operation on the existing back-up energy source.

The low-power valve is designed to be wired directly into a plant's bus network I/O interface without the need for auxiliary power source. This means more discrete devices can be installed on a network segment. In addition, on PLC or DCS installation using traditional wiring the need for an additional relay is eliminated, plus a smaller power supply can be used – reducing the installation and operating costs.

The highly flexible valve comes in multiple options for flow efficiency and maximum and minimum temperature and pressure ratings. It has ATEX, FM, CSA, and UL approvals and is SIL-3 certified. **OGN**

Visit us at Booth # 4425 at the Global Petroleum Show.

Land Tamer amphibious vehicles continue to generate buzz in swamp-muskeg conditions



Navigating swamp and muskeg to access oil / gas resources can be extremely challenging. Oil companies are now taking advantage of the Land Tamer RAVs unique ability to access remote areas in the bush.

The Land Tamer XHD (extra heavy duty) is a fully amphibious with capability to haul up to 2000 lbs payload and more cargo area than earlier models. Land Tamer utilizes track-over-tire system for maximum versatility and mobility over the most extreme terrain conditions. With tracks the LT has a ground pressure of 1 pound per square inch. Land XHD comes

in 6x6 or 8x8 wheel drive.

The XHD features the Extra Heavy Duty hydraulic/gear drive system with 1.75" dia. axles, drive shafts and larger gearboxes than our standard units. Our hydraulic drive system is proven in many types of industrial and construction equipment found worldwide. The sealed hydrostatic gear drive system requires virtually no maintenance. The Land Tamer eliminates mechanical problems associated with other brands of amphibious vehicles that utilize drive chains or hydraulic wheel motors. **OGN**

Moyno Tri-Phase® System Offers Quick Payback for Multiphase Pumping Applications

The Moyno Tri-Phase® System is the patented progressing cavity solution offered for multiphase pumping applications within the oil and gas industry. The low total cost of ownership and superior pumping efficiency have turned marginal wells profitable again in simply months.

The Moyno Tri-Phase System allows all fluids produced at the well site including oil, water and gas to be transported simultaneously through one pipeline to a central processing station. It's exceptional abrasion-resistance allows for smooth transfer of sandy fluid as well. The unit is capable of generating flow rates up to 60,000 BFPD with suction pressures up to 900 PSI and discharge pressures up to 1,200 PSI. Additionally, the Moyno Tri-Phase System features a stator elastomer formulation that exhibits exceptional resistance to aromatics.

Additional advantages include the following:

- Efficiently handles gas void fractions up to 99 percent
- Low-shear pumping action preserves each fluid's characteristics without emulsification or degradation
- Extended well production life
- Decreased well bore pressures

Moyno, Inc., part of the Fluid Management Group of Robbins & Myers, Inc., is a leading American manufacturer of Moyno® progressing cavity pumps, sludge pumps, metering pumps, sanitary pumps, multiphase fluid transfer systems and grinders. Its worldwide multi-million dollar stocking distribution network serves a wide range of industries, including water and wastewater treatment, oil and gas, pulp and paper, specialty chemicals, pharmaceuticals, food and beverage, biofuels, mining, and petrochemical. **OGN**

