



End users are continually demanding vehicle easier and more efficient to operate. In turn looking to component and system suppliers them with solutions that will help meet this

Ongoing product development, and the adoption of the latest control technologies, are necessary for hydraulics system suppliers to keep pace with the demands of vehicle manufacturers

Power with control

Enters to be a leader in the industry with innovative products that meet the market's demand for design flexibility, power density, reduced noise and precise control. Some of these new products include the steering control unit (SCU), Valve-in-Steer (VIS), high performance motors, the Series 360 medium duty pump, the Series 2 heavy duty variable pump with multiphase technology, and a variety of electronic controls for in-line hydraulic pumps.

Design flexibility
Tagged primarily as the competitive lift truck market, the SCU offers manufacturers a high degree of design flexibility. One of the key features is a choice between side or end porting. This option allows manufacturers significant latitude in terms of how they choose to accommodate hydraulic lines, controls, gauges and other components that may be on, behind or near the dash. Furthermore, the ability to choose between side or end porting can also help manufacturers to reduce installed costs because expensive flow fittings can be eliminated.

Dimensionally, the SCU is about the same size as the Corporation's Osh 4 SCU, but because of the cast ports it actually takes up less radial room on equipment such as lift trucks. When only side

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World Refining Information Technology... Dan Stoll

Automated Monitoring of Electrical System Assets

Electrical assets such as transformers, circuit breakers, and switchgear (electrical distribution equipment) can last 30 years with regular care. But the electrical infrastructure is a complex system of assets that require regular inspection to repair the problems, prevent damage to more economical (electrical distribution equipment) than a forced outage. Moreover, a forced outage caused by a fault can endanger personnel.

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INsertible...
detected or...
Can PD be prevented, or can I test...
Testing for PD in medium voltage...
Periodic testing does not require a shut...
Testing for PD provides good information...
Periodic testing does not require a shut...
Testing for PD provides good information...

MARKET AT A GLANCE

Listen to the customer

When it comes to steering systems, manufacturers are looking for integrated systems that reduce noise and improve performance.

High quality and improved performance are standard requirements from manufacturers to their suppliers. But what about steering systems? OEMs are requesting integrated systems, electrohydraulic, quieter operation and faster turning speeds just to name a few items. Here's more from a supplier's view.

Another trend that observers in the design flexibility think as customers are...
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