



OILGEAR INTRODUCES NEW LINE OF HYDRAULIC PUMPS AT CONEXPO-CON/AGG

XD5 is first in series to be designed specifically for mobile and construction industries

LAS VEGAS, Nevada — (March 10, 2020) Oilgear introduced its newest open-loop variable-displacement pump—the XD5 hydraulic pump. This is the first model of the XD series designed specifically to meet the demands of the mobile markets. The XD5 is applicable in on and off-highway equipment such as; mining trucks, haulers and dozers, excavators, and trenchers. The XD5 can also be used in on-highway vehicles such as; refuge trucks, snowplows and any Class 8 service truck.

The XD5 is an open-loop axial-piston hydraulic pump with almost instantaneous response to system commands through a high-response, three-way, direct acting control. The new pump is significantly smaller and lighter than its comparable pump line, the PVG series. Oilgear customers simply wanted the same durability and reliability of the Oilgear industrial line of pumps, in a smaller package to fit the specifications for on and off-highway equipment.

The heart of all Oilgear pumps, including the XD5, is its proprietary Hard-On-Hard Technology™. This process enables Oilgear pumps to withstand continuous use in medium to heavy duty cycles mitigating contamination risks which can lead to premature or increased maintenance and costly equipment downtime.

“Our goal with the design of this new pump line was to bring durability, longevity and simplicity to the mobile market,” said Naimesh Davé, president of Oilgear. “Our team looked at what was currently already in market and studied what worked and what didn’t work with similar pump designs. We had the core elements already in current pump lines, but it needed to be smaller and lighter. The engineers changed the orientation of the pump control to greatly reduce the width, length, and height. We were also able make this pump 35 percent lighter, which is important for OEMs.”

Delivering for first-fit & retro-fit was another important consideration for the designers. OEMs are looking for hydraulic pump suppliers that can provide solutions for production, as well as aftermarket needs. The XD5 was designed to run on the broadest range of fluids without sacrificing performance.

The XD5 is the first of what will be five models in the XD series, ranging from 45 to 130 cubic centimeters. More information on Oilgear hydraulic pumps can be found at www.oilgear.com.

XD5 OPERATING SPECIFICATIONS

| | | |
|---|---------------------------|------------------|
| Theoretical Maximum Displacement | 6.02 in ³ /rev | 98.6 ml/rev |
| Rated Continuous Pressure | 5,000 psi | 344.8 bar |
| Peak Pressure | 5,800 psi | 400.0 bar |
| Flow Rate | 46.9 gpm | 177.5 liter/min. |
| Maximum Speed | 2,400 rpm | 2,400 rpm |

XD5 DIMENSIONS

| Frame Size | Length | | Width | | Height | | Weight | | Face Mounting |
|-------------------|---------------|-----------|--------------|-----------|---------------|-----------|---------------|-----------|----------------------|
| | in. | mm | in. | mm | in. | mm | lbs | kg | |
| SAE-C* | 10.5 | 266.7 | 6.12 | 155.4 | 8.27 | 210.0 | 75.0 | 34.1 | SAE "C", 2 & 4 Bolt |

*Rear-ported valve plate and no maximum volume stop

About Oilgear:

Founded in 1921, Oilgear is a manufacturer of hydraulic pumps, valves and systems for heavy duty applications. Oilgear also offers customers a wide range of related aftermarket services. Oilgear is based in Traverse City, Michigan and operates out of twelve primary facilities globally with broad coverage to customers in industrial, oil and gas, and mobile equipment end markets. Through its tradition of bringing only the most advanced engineered solutions to its customers, Oilgear looks to set the standard in industries requiring precise, high-performance hydraulic products, often operating in the harshest of environments. For more information, please visit: www.oilgear.com.

About Texas Hydraulics:

Founded in 1968 and headquartered in Temple, Texas, Texas Hydraulics is a leading manufacturer of highly engineered, custom-designed hydraulic cylinders, swivels and related components. The company is known as leading provider of front-end design solutions for the most challenging applications. Texas Hydraulics uses its technical expertise related to valve integration, position sensing technology, large bore and long stroke cylinder manufacturing to provide a differentiated value proposition to its customers. The company has long-standing relationships with blue-chip OEM customers across a variety of end-markets, including infrastructure, utilities, natural resources and transportation. For more information, please visit: www.texashydraulics.com.