

Flow Meters for Hydraulics & Pneumatics



FLUID
POWER



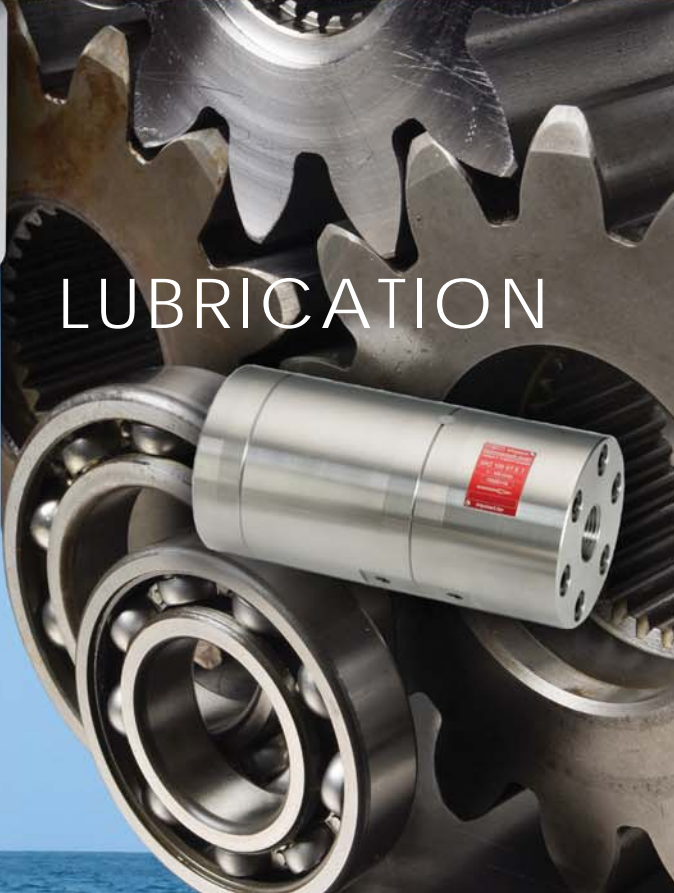
INDUSTRIAL
VEHICLES



COOLING
SYSTEMS



OIL & GAS



LUBRICATION



AW FLOW METERS



AW-LAKE COMPANY
A TASI GROUP COMPANY





Innovative Solutions for Hydraulics

AW-Lake Company offers two of the most respected brands in flow measurement, AW Flow Meters and Lake Monitors. Both brands have rich flow metering histories in hydraulic and pneumatic applications that range from detecting low flow rates in steel and paper mills to determining the speed of conveyors, and from monitoring the RPM speed of a hydraulic motor to measuring the movement of pistons in cylinders used in hydraulic rams, presses, and robotics.

AW-Lake Company's flow measurement products can be found in a vast number of systems commonly found in many different industries, including:

- Aviation Hydraulics
- Factory Automation
- Mobile Hydraulics
- Oil & Gas
- Mining
- Pulp & Paper Mills
- Foundries
- Hydraulic Test Stands

www.aw-lake.com



PD Spur Gear Flow Meters

- 0.001 - 265 GPM
- Up to 15,000 psi
- Accuracy $\pm .5\%$ of reading
- For viscous fluids, such as gear lube oils – up to ISO VG 460



PD Helical Gear Flow Meters

- 0.003-105 GPM
- Up to 6,000 psi
- Accuracy $\pm .5\%$ of reading
- For abrasive fluids, such as gear lube oils, heavy fuel oils and lubricants



Turbine-Axial Flow Meters

- 0.08-5,000 GPM
- Accuracy $\pm 1\%$ of actual flow
- Flanged or threaded ports
- High-pressure models available
- For light oils & fuels



Meter-Mounted Flow Monitors

- Hazardous rated available
- Battery operated or standard plug
- Hart communication protocol
- 4-20 mA rate and scaled pulse outputs
- Programmable outputs



Low Cost Variable Area Flow Meters

- Variety of flow ranges available
- Clear body for easy fluid inspection
- Accuracy $\pm 5\%$
- For hydraulic oils and chemicals



Basic Variable Area Flow Meters

- 0.05-150 GPM
- Up to 6,000 psi
- Accuracy $\pm 2.5\%$
- Line sizes from $\frac{1}{4}$ " - 2"
- For hydraulic oils, water, air and chemicals



Hydraulic System Test Analyzers

- Portable, no power needed
- Diagnose hydraulic system problems
- Verify pump performance



Flow Rate Transmitters

- Multiple outputs – 4-20 mA, D-SV, pulse
- Direct reading
- Weather-proof – NEMA Type 4X
- Unrestricted mounting
- For hydraulic oils, water, air and chemicals



Flow Rate Alarms/Switches

- Simple on/off logic for easy installation
- Pre-wired with cable disconnect
- Unrestricted mounting
- Helps eliminate costly repairs & downtime
- For hydraulic oils, water, air and chemicals

Hydraulics & Pneumatics Applications.



*Excellence
in Flow*



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