![Schroeder Industries logo]
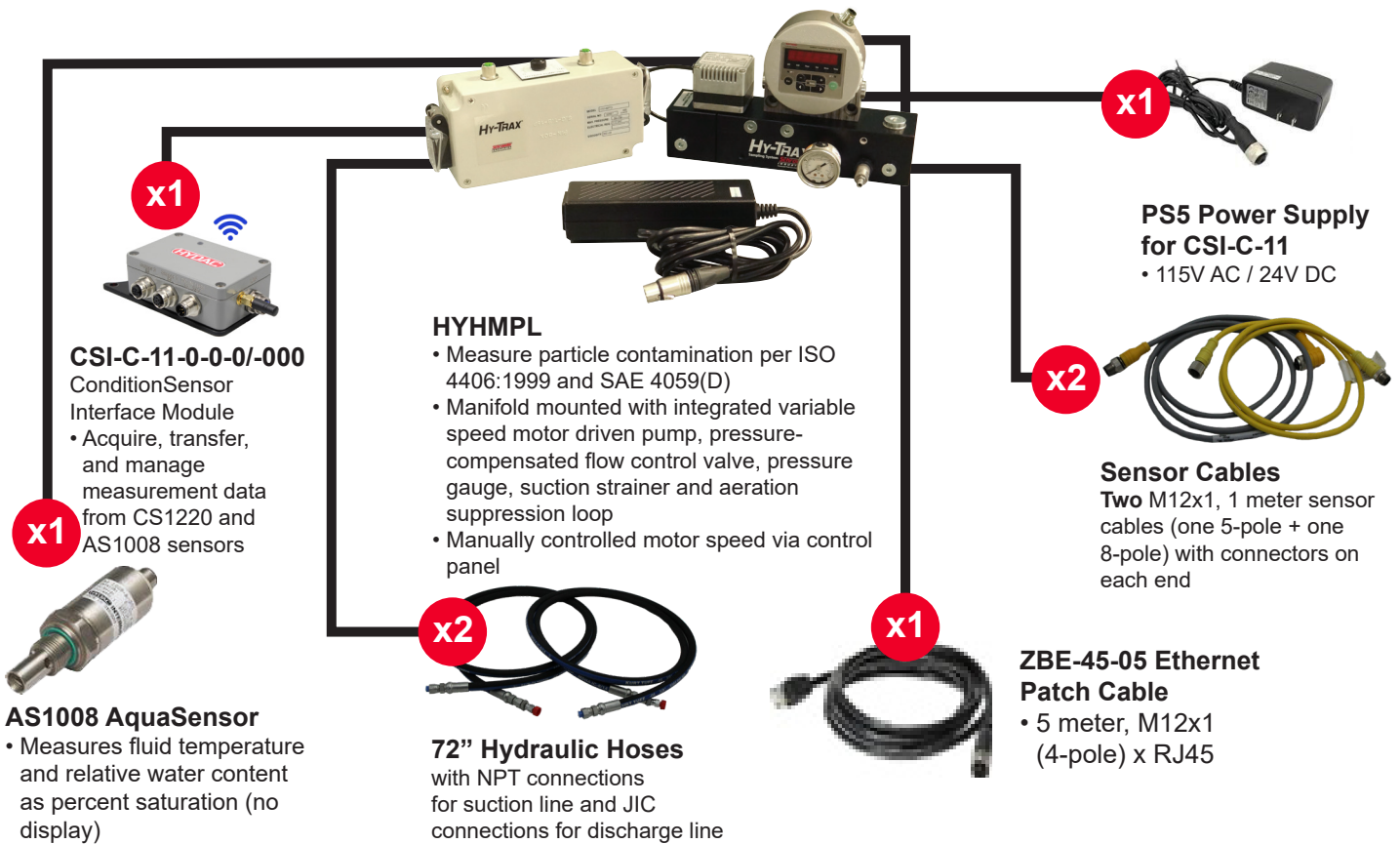**Advanced Fluid Conditioning Solutions ®**

Starter Kit #3 - HY-TRAX® IoT Package
IoT & Electronic Integration

The Starter Kit #3 - HY-TRAX® IoT Package allows users to analyze and transfer independent, continuous offline condition monitoring data in real time using WiFi and the FluMoS Mobile Android™ Application or on the CSI-C-11 web server via LAN connection. This plug-and-play starter kit is easily integrated into higher control networks such as PLCs, supervisory control and data acquisition (SCADA) platforms, and distribution control systems (DCS). Applications include: industrial hydraulic and lubrication systems, as well as mobile hydraulics.

x1

PS5 Power Supply for CSI-C-11
• 115V AC / 24V DC

x1

CSI-C-11-0-0-0/-000
ConditionSensor Interface Module
• Acquire, transfer, and manage measurement data from CS1220 and AS1008 sensors

HYHMPL
• Measure particle contamination per ISO 4406:1999 and SAE 4059(D)
• Manifold mounted with integrated variable speed motor driven pump, pressure-compensated flow control valve, pressure gauge, suction strainer and aeration suppression loop
• Manually controlled motor speed via control panel

x2

Sensor Cables
Two M12x1, 1 meter sensor cables (one 5-pole + one 8-pole) with connectors on each end

x1

AS1008 AquaSensor
• Measures fluid temperature and relative water content as percent saturation (no display)

x2

72" Hydraulic Hoses
with NPT connections for suction line and JIC connections for discharge line

x1

ZBE-45-05 Ethernet Patch Cable
• 5 meter, M12x1 (4-pole) x RJ45

Key	
▬▬▬	**kit includes**

System Requirements	
Minimum inlet pressure	From 0 psi (pressureless) - 100 psi reservoirs
Minimum flow rate	0.03–0.07 gpm (100–250 mL/min)
Permissible viscosity range	32–4,635 SUS (1–1,000 cSt)
Permissible fluid temperature	32–185°F (0–85°C)
Permissible fluid type	Mineral-based oils [C/F for other fluid compatibility]
Mounting configuration	Vertical orientation with direction of flow South-to-North through manifold (as shown above)

![Filter Systems & Diagnostic Tools logo]