![Schroeder Industries logo]

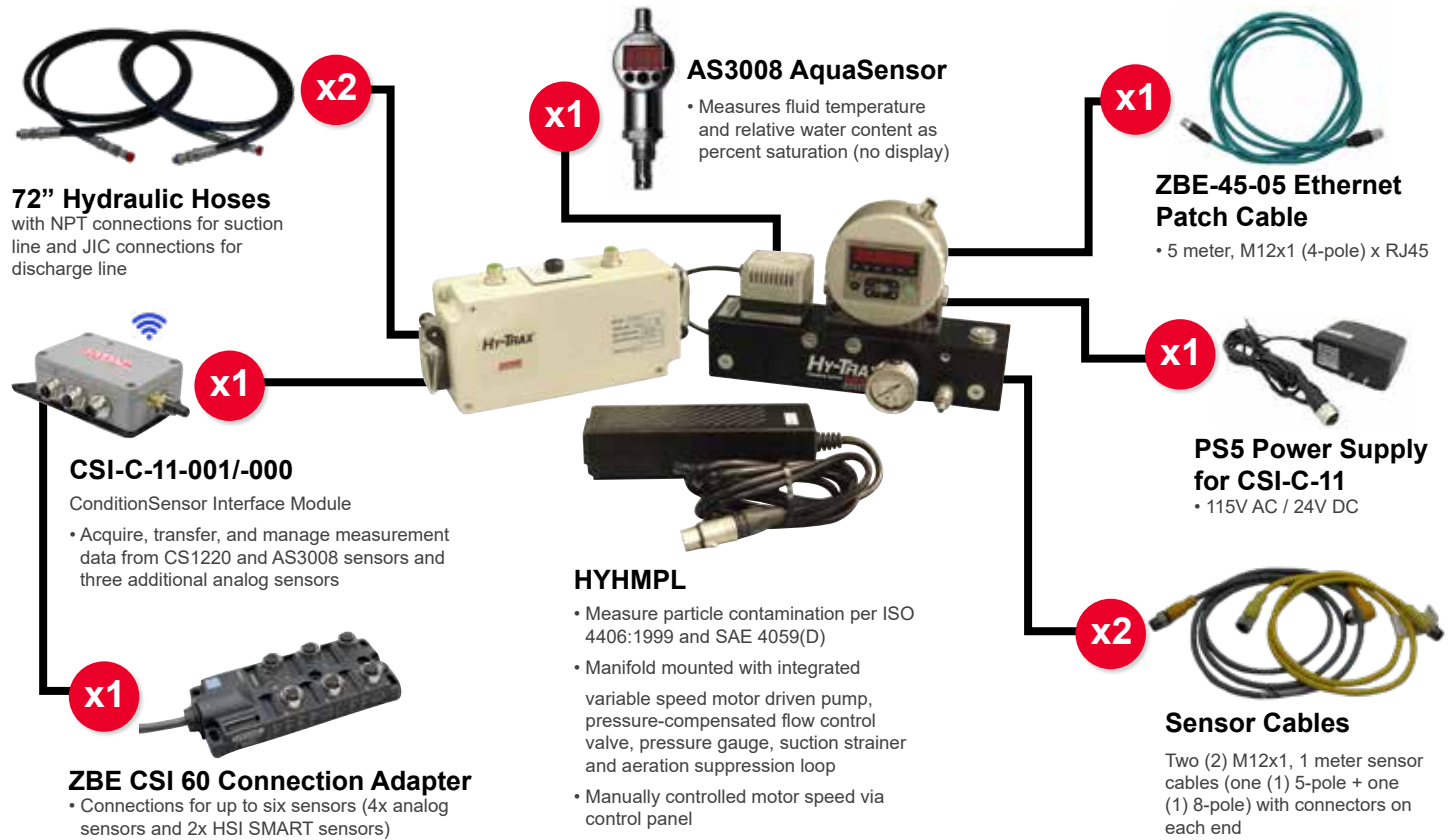**Advanced Fluid Conditioning Solutions** ®

Starter Kit #8 - HY-TRAX ®
IIoT-CSI-C-AS3008 Package

The Starter Kit #3 - HY-TRAX® IIoT-CSI-C-AS3008 Package allows users to analyze and transfer independent, continuous off-line 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. With the edition of the ZBE-CSI-60 connector, monitoring of additional analog sensors, such as pressure, temperature or flow sensors has never been easier.

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

AS3008 AquaSensor
• Measures fluid temperature and relative water content as percent saturation (no display)

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

CSI-C-11-001/-000
ConditionSensor Interface Module
• Acquire, transfer, and manage measurement data from CS1220 and AS3008 sensors and three additional analog 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

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

ZBE CSI 60 Connection Adapter
• Connections for up to six sensors (4x analog sensors and 2x HSI SMART sensors)

Sensor Cables
Two (2) M12x1, 1 meter sensor cables (one (1) 5-pole + one (1) 8-pole) with connectors on each end

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	32–1,600 SUS (1–350 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)

Key	
▬▬▬	kit includes

![Systems & Diagnostic logo]

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