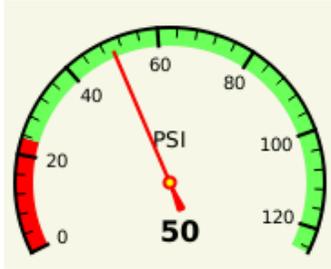
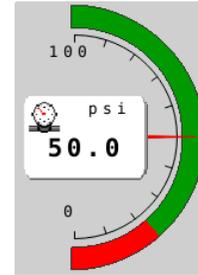


Ag Leader ISOBUS Liquid System Supports NH3 State Monitoring

With the release of Ag Leader's Anhydrous Temperature Sensor, the ISOBUS Liquid Control system can now perform anhydrous liquid/vapor state monitoring. Using both the temperature and pressure sensors the module will be able to monitor the form of the NH3 being applied.



Proprietary readout from the run screen of an Ag Leader display



Virtual Terminal readout

Above, the green area of the gauge indicates that NH3 will be applied in liquid state and the red area will notify the operator that vapor is being applied.

USE CASES

Reduce Repairs:

- NH3 in vapor form can be harmful to components on the NH3 toolbar, particularly expensive flow meters, which may lead to downtime and costly repairs.

Efficient Operation:

- As NH3 tanks approach empty they may release vapor, as there is less available product in the tank. Monitoring the state of the product coming through the system can minimize the ill effects of vapor application.
- Additionally, when vapor is applied, the effectiveness of the NH3 application is greatly reduced. NH3 state monitoring will alert the operator of vapor application; the operator can then take the steps to avoid de-nitrified corn or a second spot application.

KEY FEATURES

- **Simple** - If the grower's ISO liquid system is using digital pressure sensors (any brand), simply add a temperature sensor PN 4004619 and cabling PN 4004392-x to your ISOBUS Liquid system and get NH3 state monitoring today. If the ISO liquid system is using a flow meter, a digital pressure sensor must be added for state monitoring.
- **Efficient** - With NH3 state monitoring, operators can ensure product will be applied effectively in the first pass. No more spot applications or yellow corn due to NH3 application volatilization.
- **Industry leading** - Ag Leader is pleased to bring this unique, advanced tool to the ISOBUS Liquid module. Paired with tube check, the feature where operators can apply in the raised state to safely check for plugged knives, the ISOBUS liquid module is the precision controller of choice for all NH3 applications.