ASCO™ FRLs boosts trailer manufacturer’s grain hopper reliability

RESULTS
- Enabled reliable operation in dusty, high-vibration conditions
- Provided onsite technical support and sample products for testing
- Supported additional hopper vibrators with one FRL, reducing cost per trailer
- Met customer’s delivery requirements

APPLICATION
Grain Hopper for Trailer

CHALLENGE
A trailer manufacturer serving agricultural markets experienced a problem with the hopper vibrators on its grain trailers. The site glass was cracking and seals were failing on the air preparation equipment that filtered dusty air from the hopper vibrator’s pneumatic system. The manufacturer needed new air preparation components that could withstand the grain trailer’s dirty, rugged operating environment.

SOLUTION
The trailer manufacturer chose ASCO Series 652 filters, regulators, and lubricators (FRLs) to solve its air preparation problems. The Series 652 FRL’s robust construction and seals, plus durable site glass performed well in the dusty grain transportation application. The manufacturer also valued the Emerson technical team’s rapid response with design drawings, onsite visits, and sample products for testing and validation. An added benefit: The Series 652 model’s higher flow rates enabled the air filtration system to support six hopper vibrators — two to three more than the previous components — reducing cost.

New air preparation components were needed when the grain hopper was experiencing problems. Emerson’s rapid response, along with the ASCO Series of FRL’s supported the manufacturer’s air filtration system on six hoppers.

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