



APPLICATION BRIEF

MEASUREMENT OF FUEL ON MOBILE TANKS

June 12, 2025

PROJECT OVERVIEW

In the construction, lawn care, recreational and other remote areas it is common to bring fuel out to equipment in 50 gal and larger tanks on trucks or trailers.

In addition to the fuel pump, a locally mounted meter is common to better record and manage the volume of fuel being dispensed in these remote locations.

Meter Requirements:

- $\pm 2.0\%$ accuracy
- Compactly mounted to tank and pump
- Robust mounting joint designed to handle vibrations
- Leak-free design for safe and clean operation
- Low maintenance

PRODUCT SPECIFICATIONS

Product description – Nutating Disk design for accurate volumetric measurement with easy-to-read mechanical register.

- 5-30 GPM flow rate
- $\pm 2.0\%$ accuracy
- Factory calibrated for Diesel
- Field calibratable for other fuel blends
- Quick mount for GPI® and GPRO® Fuel Pumps

PRODUCT SOLUTION

The GPI® M30 mechanical fuel meter was specified for this process. With the simple nutating disk design with magnet drive allows for leak-free repeatable measurement with minimal wear. Designed with modular system, 4-Bolt and O-ring seals, allows for direct installation to compatible flanged GPI pumps, accessories, or pipe adapter fittings.

- All material needed for installation in box
- Field serviceable with affordable repair kits
- Rotatable display for horizontal or vertical installations
- Threaded inlet and outlet ports for non modular installation configurations

