

Competitive Analysis: Magnetel® RoughRider® vs. Brand “X”

The M6300-11 series Rochester Magnetel® RoughRider® Gauge was recently put to the test on a side by side comparison with Brand “X” gauge. Results are shown below.



Design Features	Magnetel® RoughRider®	Brand “X”
Field Experience	✓ (50+ years)	✓ (3+ years)
Gauge Side Mount	✓	✓
Gauge End Mount	✓	✓
Gauge Top Mount	✓	✗
Gauge Angle Mount	✓	✗
Spring Shock Absorber	✓	✓
Stainless Steel Support Tube	✓	✓
On-Road Construction	✓ (33+ years)	✗
Severe Off-Road Construction	✓ (21+ years)	✗
Stationary Tank Magnetel	✓ (60+ years)	✗
Zinc Plated Counter Balance	✓	✓
Zinc Phosphate Coated Counter Balance	✓	✗
Stainless Steel Counter Balance***	✓	✗
Standard Direct Read Dial	✓	✓
Fluorescent “Glow” Direct Read Dial	✓	✓
Telemetry and Remote Ready Dial	✓	✗
Voltage (0.5V – 4.5V) Output Dial	✓	✗
Current (4 – 20mA) Output Transmitter*	✓	✗
Dial Lumination	✓	✗
Wireless Capability	✓	✗
Standard Dial Mounting	✓	✓
Angle Mounted Dials for easier viewing when gauge is mounted on truck**	✓	✗
1/8” Drain Holes on support tube and magnet holder***	✓	✗
Stainless Steel Pivot	✓	✗
Gauge Adapters marked per ASME Requirements	✓	✗
Gauge Adapters rated for Temperature and Pressure	✓	✗
Dial Pointer Lag (After two 6-hour vibration tests)	1%	2%

*Magnetel® Liquid Level Transmitter available for Magnetel® 8” dials

**Angle Mount available for Magnetel® 4” dials

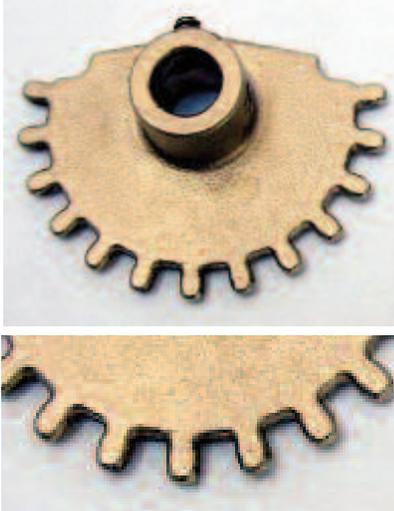
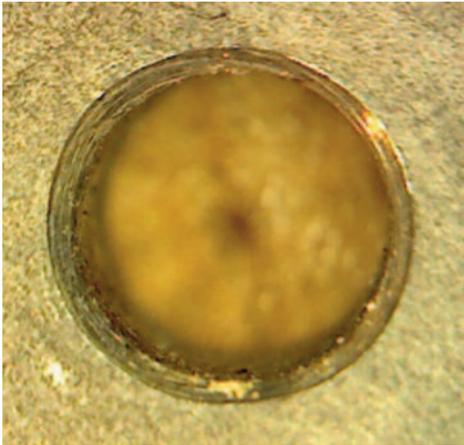
***Stainless steel counter balance and 1/8” drain holes available on the M6300-12 Series Magnetel® RoughRider® Gauges

04/26/2017

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Testing	Magnetel® RoughRider®	Brand "X"
<p>Accelerated Gear Wear Test Results (After 14 hrs at 10G)</p>		 <p>Note heavy wear on gear teeth</p>
<p>Ammonia Counterweight Test Results</p>		 <p>Note excessive corrosion</p>

Rochester Gauges Magnetel® is Still the Best After 60 Years!

04/26/2017