# DTI Trekscan Inspection

## Flexible Solution for Difficult to Inspect Pipelines

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# OVERVIEW

DTI Trekscan is our free-floating tool designed to traverse back-to-back 1D, 90 degree bends with a speed of over 1.0 meter per second (3.3 ft/s).

The latest ultrasonic technology and the in-house developed analysis software guarantees the best possible inspection results. The tool can be deployed in most refined petroleum products, crude oils and water. The wall thickness range that can be measured is 1.5 mm (0.06 inch) up to 60.0 mm (2.3 inch).

Results are reported within 24 hours.

DTI Trekscan has been independently certified by TUV.

# APPLICATIONS

- Compressor and pump stations lines
- Tank farm lines
- Distribution lines
- New construction baseline inspection
- Pipelines without as-built drawings
- Product and fuel lines
- Upstream loading and gathering lines
- Water distribution lines
- Airport fuel lines
- Furnaces
- River crossings

# OPERATIONAL FLEXIBILITY

- Small diameter from 6" (DN150)
- Multi diameter capabilities
- Can pass unbarred tees
- Bore restrictions
- Bi-Directional
- Small radius bends (1D bends)
- Back-to-back bends
- Mitered bends
- No launcher/receiver (traps) facilities required
- Short pipeline lengths (difficult to control speed)
- Y-connections
- Low pressure / low flow conditions
- No magnetization of pipeline requiring demagnetization
- State of the art design to reduce cup wear and tool damage by minimal pipe wall contact XYZ mapping

# DATA INTERPRETATION AND MANAGEMENT

After the inspection a Data Quality Assessment (DQA) is performed to check each run.

The preliminary inspection result reporting is already available immediately after the inspection run and contains the most critical inspection results from the pipeline.

The dig sheets and detailed inspection results will be provided after further analysis performed thereafter. All defects will be subject to a B31G MAOP calculation.

**On request of the client, additional assessments can be made, such as:**

- Fitness for Service (FFS)
- Corrosion Assessment
- Mechanical Damage
- Manufacturing Metal Loss
- Pipe Deformation
- Laminations

# PROVEN CAPABILITIES AND DEMONSTRATED RESULTS

DTI Trekscan has been deployed on projects throughout the world since its launch in 2015.

# THE ULTIMATE SOLUTION FOR DIFFICULT TO INSPECT PIPELINES

**DTI Trekscan**

- Has 160 ultrasonic transducers, yielding...
  - Provides 100% circumferential inspection coverage
  - Provides reliable and accurate inspection

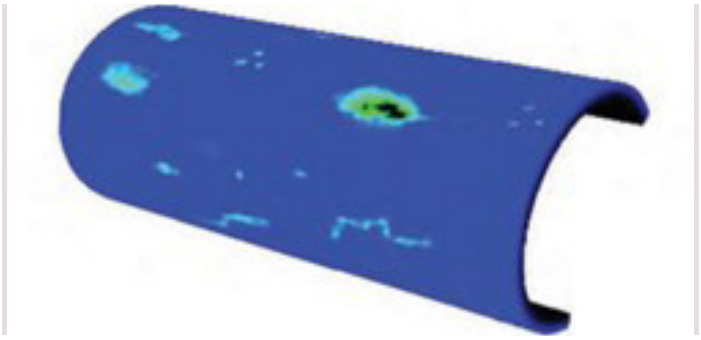
# CUSTOMIZED SOLUTIONS

We've been the industry's specialist in non-destructive testing, inspection and certification since 1937. Providing both standard and tailor-made solutions, we're committed to ensuring the quality and efficiency of your assets.

## Related Services

PIT, Pipeline Inspection Tool

Guided Wave Ultrasonics



3D Laser Mapping

Magnetic Flux Leakage

As a **Global leader**, we have the technology, human capabilities and resources to meet the demands of industry. No matter the size, scale or scope of the work, we always go beyond standards by delivering operational excellence with local knowledge and global competence.

We are dynamic organisation; problem-solvers by nature. Where there is no existing answer to a challenge or problem, we will use our vast experience and in-depth knowledge to find one. By working closely with our clients, we have become a **Trusted partner** who delivers new, innovative solutions with highest of integrity.

A **Passion for improvement** drives our teams to safeguard client operations while delivering our services. We innovate to bring about advances in operational safety and this commitment to excellence is what makes us renowned as one of the best.

## Together Beyond Standards

Together beyond standards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