SPERRY®

A Higher Level of Reliability®

Eddy Current Surface Crack Detection System

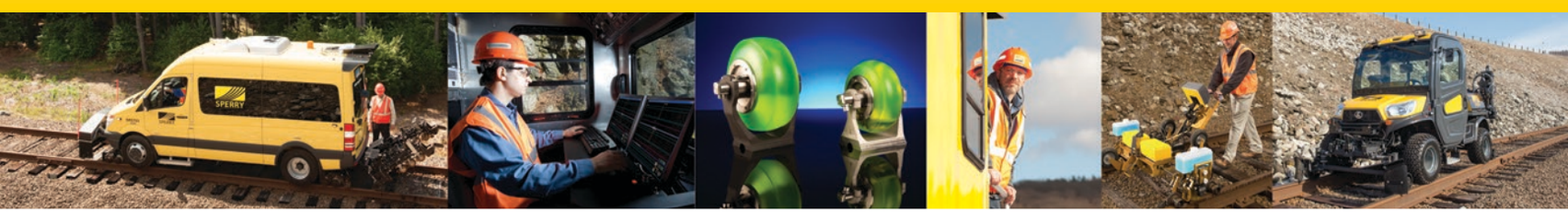
For superior technology, training, and reporting, the solution is Sperry.

Sperry Rail Service

a Rockwood Company

Full Coverage
Rail Health Solutions

ONLY FROM SPERRY



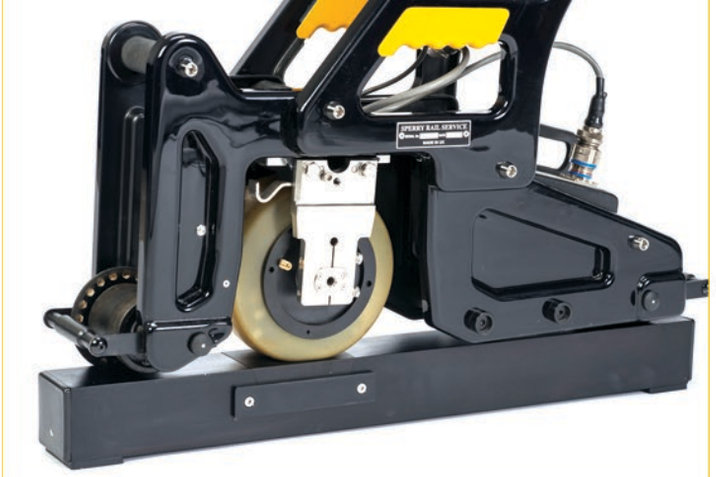
For 85 years, Sperry has been the world leader in rail health solutions, helping railroads achieve continuous safety and performance improvements. Our integrated full-coverage solutions are designed to detect more defects in less time, so you can resume operations quickly.

Comprehensive INSPECTION
OF THE RAIL SURFACE

Sperry's Eddy Current Surface Crack Detection System helps improve the efficiency of your grinding and replacement programs by providing reliable and accurate measurements that let you proactively manage rail health.

Eddy Current Technology

Rolling contact fatigue (RCF) cracks can grow from a shallow to a steep angle, increasing the probability of rail fracture. Eddy current is the most effective technology for detecting surface cracks. Full integration of the system with Sperry's ultrasonic and vision inspection techniques delivers additional testing efficiencies.



Constant Rail Contact

Eddy current is deployed by Sperry's intelligent surface crack roller search units (RSUs) with built-in digital processing. The RSU probes maintain constant contact with the rail, even through turnouts - locations already at increased risk for rolling crack fatigue. Full head coverage allows for the detection of high and low rail RCF and other surface damage.

BENEFITS SNAPSHOT

- Improved risk classification of defects
- Full coverage of the entire rail head
- Eliminates inspector subjectivity
- Improved grinding and replacement program efficiencies
- Auditable test record
- Ability to record through turnouts

OPERATOR-FRIENDLY FEATURES

Every Sperry rail health solution is designed based on extensive user input, for safe, reliable and efficient operation.

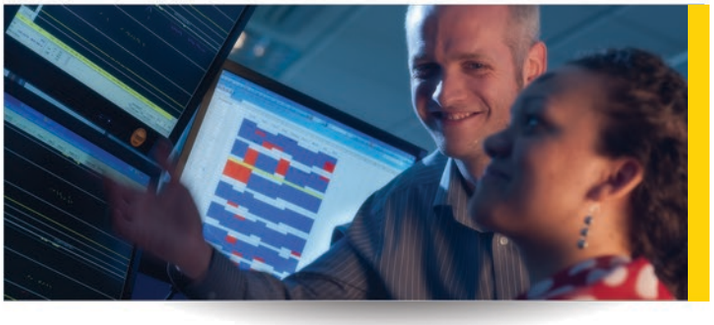
Sperry's Eddy Current Surface Crack Detection System also integrates seamlessly with:

- **Railbound vehicles**
- **Hi-Rail vehicles**

Comprehensive Services
For A Complete Rail Health Solution

The Sperry School of Rail Testing
Comprehensive customer training programs

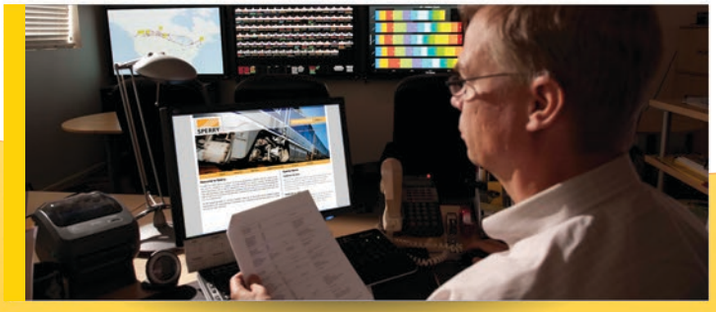
Quality Assurance Program
Daily quality and audit review of test data



Online Access
View your test results online, anytime

Safety Management System (SMS)
Operator and crew safety is our number one priority

Flexible Reporting Capabilities
Analyze data according to your specific criteria



Dedicated Product Support
Sperry provides best-in-class
product support for all its products

SPERRY®

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