TracShield™ Transit is a clean, safety-enhancing, and economical rail-wheel patented wayside track lubrication system that is designed for rail transit and metro lines.

How it Works.

**TracShield™ Transit** applies TOR-CL friction modifier on both rails every time a train passes over the application area. The friction modifier is then carried by the wheel of the train for up to 2 to 4 miles. The system is activated by rugged wheel detectors, which dispense precision, computer-controlled quantities of friction modifier.

**TracShield’s** reliable design requires very little maintenance. Because of its precision dispensing of fluid, one tankful will last longer than most others in the industry. The intelligent system is capable of being programmed to skip a certain number of axles ensuring the lead locomotives do not have friction modifier applied to their wheels.

Benefits.

- Reduces operational costs
- Reduces initial capital outlay
- Reduces lateral / vertical forces
- Reduces wheel, track, and rail wear
- Reduces conditions that can cause derailments
- Reduces noise

Enhanced Performance and Accuracy.

The accurate friction modification dispensing systems utilize less friction modifier while increasing rail life, reducing lateral forces, and lowering energy consumption.

Reliable Service and Support.

With more than 30 years of helping railroads extend rail life through rail grinding, Loram has now added the most advanced friction modification systems in the industry to our product offerings. Extend the life of your rail assets, select Loram’s Maintenance of Way Products.

*For more information visit www.loram.com or call your local Loram Regional Manager.*
Specifications

TracShield™ Transit

1. Wheel flange activates the sensor causing FM to dispense on top of the rail.
2. Wheel tread picks up the FM and carries it along the rail.
3. Wheels are coated in the process. Second sensor activates FM dispensing for traffic in the opposite direction.

Rail-Based Nozzles  Switch TracShield™

All season protection
Environmentally Clean
Reduces rail-wheel noise by up to 20 dB
Not easily washed away by rain
Non-Corrosive
Lasts longer than grease / graphite by creating a film on the rail that continues to work after application
Costs less than a penny per car
Colorless, odorless, water insoluble liquid

Subject to change

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