

LBFoster®



**Total Friction
Management**

FREIGHT RAILROADS



Total Friction Management

L.B. Foster Rail Technologies is recognized globally as the experts in friction management at the wheel / rail interface. Our innovative products, including application systems, friction modifiers, and greases, are proven to significantly reduce rail and wheel wear, fuel usage, noise, derailment potential, and RCF development. Our goal is to help our customers maximize the benefits of their friction management programs while minimizing the costs associated with running these programs. We're continuously working with our customers to develop new, innovative products and to assist them in optimizing their friction management programs whether through maintenance services or performance validation studies.

TRACKSIDE APPLICATION SYSTEMS

Our next generation PROTECTOR® X trackside friction management system includes a state-of-the-art product compartment with the industry's lowest cavitation level and true first-in, first-out product utilization. This new system allows for longer intervals between tank refills, easier transitions between seasons, and less track access time required for maintenance.



REMOTE ASSET MONITORING

Our completely redesigned remote asset management platform provides immediate, intuitive insight into the performance of friction management assets. We've developed new toolsets to maximize system uptime, optimize application rates, and reduce the costs of running the friction management program.



TOP OF RAIL FRICTION MODIFIERS AND GAUGE FACE GREASES

We've applied our knowledge of the wheel / rail interface in conjunction with rigorous scientific analysis and in-track field testing to create a portfolio of exceptional top of rail friction modifiers and gauge face greases. Our family of KELTRACK® and INFINITRACK® friction modifiers are engineered to optimize friction levels at the wheel tread and top-of-rail interface. Our complete grease portfolio starts with SYNCURVE™, an exceedingly durable rail curve lubricant which has exceptional carry distances and allows for the use of up to 50% lower application rates.

ONBOARD SOLUTIONS

We also provide a wide range of on-board friction modification, in both solid stick and liquid form. Our onboard wheel flange lubricator sticks can provide similar lubricity to current product offerings but with a significantly longer stick life. Our unique products last up to 8 – 13 times longer than other products currently in the market. And when combined with our patented interlock design, which also reduces stick wastage, our stick minimizes the chance that a stick applicator will run empty, maximizing customer benefits.





FIELD SERVICES AND PROGRAM MANAGEMENT

L.B. Foster offers the expertise required for solving a variety of wheel/rail interface issues utilizing analysis techniques. We provide sophisticated and detailed monitoring of friction control performance and measurement/tracking of lateral/vertical forces, friction levels, rail wear, fuel consumption and rolling contact fatigue development. Our team also provides equipment installation, comprehensive equipment maintenance, bulk filling, and on-call service support. We can provide management oversight of your friction management program and ensure success by being accountable for overall performance as measured by equipment uptime.

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Total Solutions Partner

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