



COMPREHENSIVE F R I C T I O N MANAGEMENT

Whitmore has set the lubrication standard for industry's most demanding applications for more than 120 years. As the only company in the world that manufactures rail lubricants, equipment and friction modifiers, rail customers worldwide rely on Whitmore Rail to exceed their needs, no matter how challenging the application.

WE BRING IT ALL TOGETHER.



Whitmore Rail maintains an excellent reputation for developing high-performance petroleum and biodegradable rail curve and switch plate lubricants. With some of the most technologically advanced rail lubrication equipment in the business, Whitmore Rail offers state-of-the-art electric trackside applicators that provide consistent output in all temperatures, cost-effective mechanical applicators and more. The company's revolutionary top of rail friction modifier provides optimum friction at the wheel-rail interface. When combined, these products bring comprehensive friction management to the next level.

Whitmore has a long history of innovation and specializes in creating cost-effective solutions that reduce maintenance costs and increase productivity. Let Whitmore show you how its custom lubrication and friction management products and services can save time and money.

High-Performance Lubricants

RAILARMOR®

Railroads incur significant costs grinding and replacing rails because of the enormous friction at the rail-wheel interface and excessive fuel consumption. RailArmor, a high performance rail curve lubricant provides superior protection that extends rail and wheel life and reduces consumption costs. This lubricant raises the bar in critical performance areas, such as rail adhesion, rain resistance, wear protection and carry down from the wiping bar; consumption can be reduced as much as 50%.

BIORAIL®

BioRail is a biodegradable rail curve lubricant that does not compromise performance to be environmentally responsible. BioRail proves itself, not only in the laboratory but also where it counts—on the rail. Its stable chemistry ensures that it pumps, even in the coldest climates. Under most conditions, rail carry is up to four miles, and BioRail stays on the rail in all weather conditions, even heavy rain.

SWITCHARMOR®

Extensive research and testing went into Whitmore Rail's SwitchArmor, a dry film lubricant specifically developed for rail switches and turnouts. It dries quickly to form a film of graphite and is impervious to rain. The flexible application methods (brush or aerosol spray) make SwitchArmor economical, as very little is used for each application.

EZ SWITCH®

Offering a tough, durable, long-lasting shield of protection, EZ Switch coats the switch plate and reduces wear. As the switch operates, the coating becomes denser in the contact area, enhancing wear protection. EZ Switch can be applied to wet switches and resists rain; this lubricant becomes more resistant to rain as it dries.



Lubrication Equipment

ACCUTRACK® ELECTRIC TRACKSIDE APPLICATORS

AccuTrack Electric Trackside Applicators deliver technological advancements that mechanical and hydraulic lubricators do not. They provide consistent output in all temperatures and are available in multiple tank sizes with a flooded suction inlet. The design allows for easy maintenance, and one AccuTrack unit usually replaces several older, nonelectrical lubricators. AccuTracks can be powered by battery, solar, wind, and A/C source or a combination of sources, providing a flexible choice for any environment. The single or dual track applicators are available with remote monitoring capabilities, and the waterproof cabinet has a convenient filling hatch, allowing for quick and easy fills with lubricants or friction modifiers. Suitable for freight and transit applications.

LUBRICURVE® MECHANICAL TRACKSIDE APPLICATORS

Whitmore Rail offers a highly efficient, cost-effective mechanical trackside applicator called LubriCurve. It provides adjustable grease output when and where it's needed, increasing rail and wheel life while reducing wheel squeal and flanging noise. LubriCurve is ideal for lower volume freight traffic, rail spur and transit applications.

WIPING BARS—GAUGE FACE AND TOP OF RAIL

Whitmore Rail offers wiping bars that pair with electric, mechanical or hydraulic trackside applicators to distribute precisely the right amount of grease, saving time and money. The durable, easy-maintenance gauge face wiping bars are available in 16", 24" and 60" lengths. PolyTOR, a top



Available in
multiple sizes and
configurations



of rail wiping bar, offers protection and resistance to impact that no other bar can match. These top of rail bars are specifically designed for friction modifiers and are 36" long. Both the gauge face and TOR wiping bars are suitable for freight and transit applications.



Friction Modifiers

TOR ARMOR® FRICTION MODIFIER

TOR Armor is a revolutionary top of rail friction modifier specifically designed to provide optimum friction at the wheel-rail interface, substantially reducing noise, wear and lateral forces. High lateral forces lead to loosened tie plates and fasteners and can result in low rail rollover; TOR Armor greatly reduces lateral creep, and when wheel creep occurs, it immediately increases positive friction, reducing the creep condition and returning the wheels to a healthy rolling motion. The result is a substantial reduction in vibrations, corrugations and high-frequency squealing. While TOR Armor is engineered for use on heavy haul freight and transit rail applications, it also acts as a lubricant during normal rolling.

PF-35™

PF-35 is a top of rail oil designed to provide consistent friction at the wheel-rail interface. Created for hump yards, it substantially reduces noise and wear, ensures that cars roll freely and prevents stop-shorts. This oil contains no solvents, water or metallic additives and will not corrode holding tanks, pumps or other applicator components.

Lubrication Management Services

Whitmore Rail's lubrication management program provides unique solutions for reducing the total cost of lubrication. Custom-tailored to each customer's specific needs, the basic program includes lubricant supply, bulk pumping equipment and bulk delivery services. This program allows customers to select only the options they need to build and maintain lubricant performance and longevity.

Whitmore Rail. Friction Control Made Easy.

Established in 1893, Whitmore is a global leader in providing innovative products and services that increase the reliability, performance and lifespan of industrial assets. Whitmore manufactures reliability products, high-performance lubricants, friction modifiers, application and inspection equipment, lubrication management systems, coatings and cleaners designed to meet the specific needs of each industry and application. Industrial customers worldwide rely on Whitmore to deliver the performance engineered solutions industry counts on, even in the most adverse conditions and demanding environments.

Whitmore maintains an industry-leading reputation for high-quality products and customer service. Its family of products and services are sold worldwide through a distribution network committed to technical support and total customer satisfaction.

Whitmore is headquartered in Rockwall, Texas, and includes a fully integrated manufacturing plant, leading-edge research and development center, training facility and corporate offices.

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