

By lowering our Bar we've "Raised the bar" on innovation!

Portec Rail has raised Gauge Face Lubrication efficiency and performance to a new level.



Portec Rail has **again** raised the "Bar" on efficiency, performance and simplicity of applicator Bar design by actually **lowering** the gauge face mounting position through design improvements. Our new and improved applicator Bar features the Patent Pending **GreaseGuide™** which is a dramatic advancement over the old style grease troughs that only collected wasted grease. Our **GreaseGuide™** re-directs or "guides" this grease back to the wheel flange where it can "**carry**" out its intended purpose... protecting your rail and wheels. The **GreaseGuide™** liner re-shapes to conform to the profile of each passing wheel flange. Best of all this new feature is available on all new systems or as a simple retro-fit to MC-4XL® Bars and is part of a Bar upgrade kit that also includes improvements that enhance Bar flow!

- Enhances Bar performance with improved grease carry-down
- Increases efficiency by reducing waste
- Eliminates wear and tear on Bar components by lower mounting position
- Minimizes grease migration to the railhead
- Provides a cleaner lubrication site

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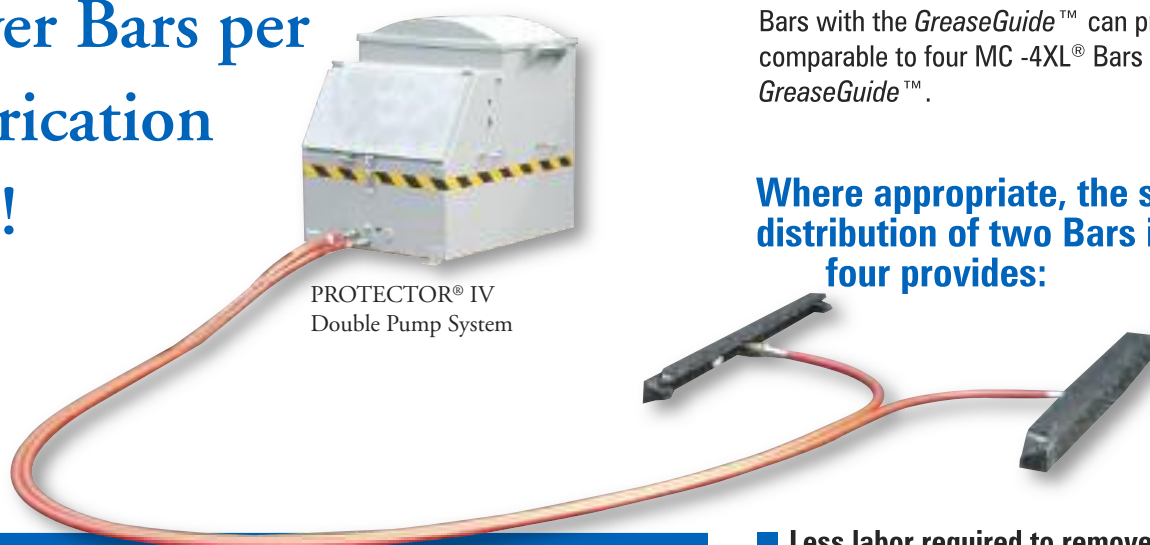
For many years now, the most effective grease transfer and optimal carry-down in Class I applications required four Portec Rail MC-4XL® Applicator Bars per lubrication site. As the leaders in Friction Management technology and practices we never stop improving our Friction Management systems and components. This includes one of the most critical areas ... the wheel/rail interface. Our development of the *GreaseGuide*™ in addition to other Bar improvements takes the industry standard to a new level of performance.

Many factors impact applicator Bar performance ... track curvature, super-elevation, grade, traffic patterns, and quality of the lubricant among others. Keeping this in mind, some applications with low or moderate curvature, two MC-4XL® Applicator Bars with the *GreaseGuide*™ can provide coverage comparable to four MC-4XL® Bars without the *GreaseGuide*™.

Where appropriate, the simplified distribution of two Bars instead of four provides:

- Less labor required to remove/reinstall for track maintenance and grinding.
- Balanced flow without the need for complicated valving.
- Minimized potential for TOR contamination resulting from a staggered Bar mounting.

**Our more efficient
Applicator Bar could mean
fewer Bars per
lubrication
site!**



PROTECTOR® IV
Double Pump System

PROTECTOR® IV Double Pump System

In addition to our conventional one pump arrangement where the pump feeds all applicators we now offer the PROTECTOR® IV Double Pump System where each rail has a dedicated pump. In a two Bar installation each pump feeds only one Bar with the grease supply hoses feeding directly to the Bar inlets. This makes the two Bar system as simple as it can get... direct to the wheel/rail interface.

Portec Rail and our Friction Force® of friction management experts is the only supplier that has the experience to optimize your lubrication effectiveness with the appropriate system... Let us do it for you!

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