



## **RAILARMOR® EP**

### **EXTREME-SERVICE RAIL CURVE GREASE**

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RailArmor EP is a premium extreme-service rail curve grease containing a lithium thickener. This established wheel/flange grease is the result of major R&D initiatives and extensive field service. RailArmor EP raises the bar in all critical performance areas such as rail adhesion, rain resistance, wear protection and carry down from the wiping bar.

RailArmor EP greatly increases carry distance down the track. It reduces consumption by as much as 50% in areas where additional carry has no benefit. It does not spatter when hit by the wheel or form strings that contaminate the area around the wayside. RailArmor EP slumps evenly in the wayside reservoir and does not cause pump cavitation. In the wayside reservoir, it moves cleanly down the walls with minimal vortex effect, despite its adhesiveness and robust consistency.

*Ideal for lubricating rail curves and protecting rail and wheels from wear.*



## APPLICATIONS:

- Rail Curves
  - Wheel/Flange

## BENEFITS:

- RESISTS WATER - Excellent rail adhesion and water resistance.
- WEAR PROTECTION - High content of solid lubricants and oil-soluble, antiwear additives ensure low friction and wear.
- CARRY DOWN - Carries farther than any Whitmore curve grease. Greatly increases carry distance down the track. It reduces consumption by as much as 50% in areas where additional carry has no benefit.
- COMPATIBLE - Can be added to wayside tanks that currently contain either lithium or calcium-based greases.

ASTM #	TYPICAL CHARACTERISTICS			
	Grade	EP 0	EP 1	EP 2
D-217	Cone Penetration (Worked)	335-355	315-335	265-295
D-445	Kinematic Viscosity (Base Oil with Polymer)			
	cSt @ 40°C	826	826	694
	cSt @ 100°C	34.5	34.5	42
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	8.14	8.14	8.18
	Specific Gravity, g/cc @ 60°F (15.5°C)	0.975	0.975	0.980
D-2596	Four Ball EP, Weld Point, kg	400	500	620
D-2266	Four Ball Wear, Wear Scar, mm	0.58	0.58	0.55
	Usable Temperature Range, Wayside Applicator °F (°C)	-10° (-12°) to 65° (18°)	20° (-7°) to 80° (27°)	50° (-10°) to 130° (54°)
	Thickener Type	Lithium	Lithium	Lithium

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

## Packaging:

Shuttle Tanks, Nonreturnable Totes, Drums,  
Kegs and Pails w/Liners



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Made in the USA in an ISO 9001:2015 and ISO 14001:2015 Facility.