

Product Data Sheet



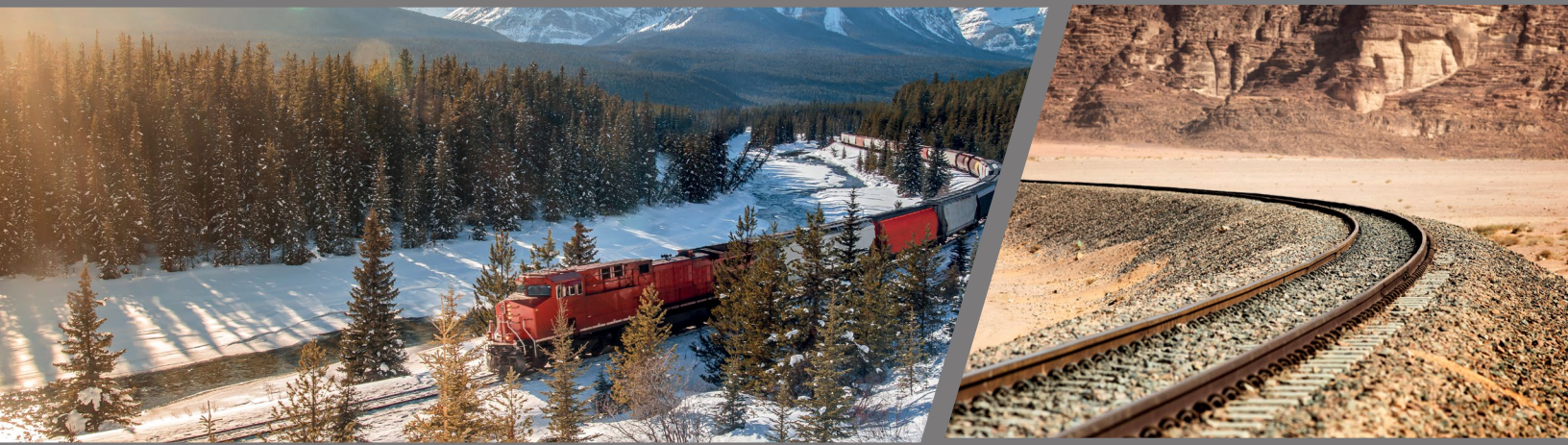
RAILARMOR® M ALL-SEASON ***SYNTHETIC BLEND RAIL CURVE GREASE***

RailArmor M All-Season is specially designed to lubricate rail curves, protecting rail and wheels from wear. Is suited for year round use in all weather conditions; pumpable down to -15°F (-26°C) and up to 110°F (43°C). This high-performance rail curve grease raises the bar in all critical performance areas, such as rail adhesion, rain resistance, wear protection and carry-down from the wiping bar. It does not spatter when hit by the wheel or form strings that contaminate the area around the wayside.

In the wayside reservoir RailArmor M All-Season slumps evenly, does not cause pump cavitation, also it moves cleanly down the walls with minimal vortex effect, despite its adhesiveness and robust consistency.



SYNTHETIC BLEND RAIL CURVE GREASE



APPLICATIONS:

- Designed to lubricate rail curves on transit and freight tracks, protecting rail and wheels from wear.
- Suitable for heavily loaded trains.

BENEFITS:

- **ALL-WEATHER** - Suitable for year round use, reducing maintenance costs.
- **PUMPABLE** - Excels in low temps down to -15°F (-26°C) and high temps up to 110°F (43°C).
- **VIRTUALLY NO OIL SEPARATION**
- **RESISTS WATER** - excellent rail adhesion and water resistance.
- **CARRY-DOWN** - carries 3 to 4 miles down the rail in moderate curvature.
- **COMPATIBLE** - can be added to wayside tanks that currently contain either lithium or calcium-based greases.
- **WEAR PROTECTION** - high content of solid lubricants and oil-soluble anti-wear additives ensures low friction and wear.

ASTM#	TYPICAL CHARACTERISTICS	
	Grade	RailArmor® M All-Season
D-217	Cone Penetration (Worked)	295-315
D-445	Kinematic Viscosity (Base Oil with Polymer)	
	cSt @ 40°C	350.0
	cSt @ 100°C	37.7
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	8.10
	Specific Gravity, g/cc @ 60°F (15.5°C)	0.9724
D-2596	Four Ball EP, Weld Point, kg	800
D-2266	Four Ball Wear, Wear Scar, mm	0.45
	Usable Temperature Range, Wayside Applicator °F (°C)	-15° (-26°) to 110° (43°)
	Thickener Type	Lithium

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

Learn more
whitmore.com/products/railarmor-ep



whitmore.com

800.699.6318
972.771.1000

