



TOR-WB

TOP OF RAIL FRICTION MODIFIER

TOR-WB is a 100% water based, organic top of rail friction modifier specifically developed to address situations where the use of synthetic friction modifiers are undesirable. Being water based, TOR-WB does not clog bars, is non-corrosive, has a wide operating temperature range, and does not need to be mixed or stirred. This product is compatible with all industry standard top of rail friction management systems and has a carry distance greater than 4 miles (6 km). Like all of Loram Technologies' friction modifiers, TOR-WB increases fuel savings, reduces noise, and significantly increases wheel and rail life.

Product Specifications

Boiling Point	>300°F (>149°C)
Specific Gravity	1.01 - 1.06 (Kg/Liter)
Weight per Gallon (US)	8.40 - 8.85 pounds/gallon (US)
Viscosity	130-170 cst @ 22°C
Appearance	Viscous, dark grey to black liquid
Odor	None
Solubility in Water	Soluble in water
Incompatibilities	Strong oxidizing materials, strong acids, strong bases
Flamibility	Non-flammable, non-combustible
Stability	Stable under normal handling conditions
Corrosive	Non-corrosive
Pour Point	< 20°F

BENEFITS AT A GLANCE

- Water-based
- Non-corrosive
- Eco-friendly
- Lower Consumption
- Increased Fuel Savings
- 4+ Mile (6 km) Carry
- Reduce Noise
- Extend Rail Life

To order Loram Technologies' TOR-WB or on developing a tailored Friction Management system for your railroad, contact Loram Technologies at **512-869-1542** or visit **LORAM.COM**