



## TOR WB Technical Sheet



### **Description:**

TOR WB is a water based organic top of friction modifier. It was developed specifically to address those installations where the use of oil based friction modifiers is undesirable. All of the ingredients used to formulate TOR WB are on the EPA Safer Chemical Ingredient List as part of the EPA Safer Choice (formerly Designed for the Environment) program. This means that TOR WB is designed to have a low overall negative impact on human health and the environment throughout the product lifecycle.

### **Applications:**

TOR WB is an all-weather friction modifier for top of rails. It is specifically designed for use with Loram's trackside applicators and rail switching yard applicators. With controlled application rates, TOR WB reduces lateral curving forces and top of rail friction levels. Main benefits of using TOR WB are increased fuel efficiency, increased rail life, increased safety (reduced derailment forces), and reduced track component wear. TOR WB users benefit from longer carry down distances (4+ miles) thus requiring fewer trackside units and associated operating costs.

### **Physical Properties:**

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



*Speed, Performance, and Reliability*

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