



## TOR XTEND Technical Sheet



### **Description:**

TOR XTEND is a synthetic organic top of rail friction modifier. Using state of the art friction modifier technology TOR XTEND is formulated with hydroisomerized, high viscosity isoalkanes modified with proprietary ingredients. TOR XTEND is essentially non-toxic to aquatic life, is not water soluble and designed to adhere to the rail. TOR XTEND will not freeze, has a very low evaporation rate and is water repellant.

### **Applications:**

TOR XTEND 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 XTEND reduces lateral curving forces and top of rail friction levels. Main benefits of using TOR XTEND are increased fuel efficiency, increased rail life, increased safety (reduced derailment forces), and reduced track component wear. TOR XTEND users benefit from longer carry down distances (4+ miles) thus requiring fewer trackside units and associated operating costs.

### **Physical Properties:**

<b>Boiling Point:</b>	>600°F (>316°C)
<b>Specific Gravity:</b>	0.85 – 0.87 (Kg/Liter)
<b>Weight per Gallon (US):</b>	7.08 - 7.26 pounds/gallon (US)
<b>Viscosity:</b>	300-330 cst @ 26°C
<b>Appearance:</b>	Viscous, violet tinted liquid
<b>Odor:</b>	None
<b>Solubility in Water:</b>	Insoluble in water
<b>Incompatibilities:</b>	Strong oxidizing materials
<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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