



## TORCL 120 Technical Sheet



### **Description:**

TORCL 120 is a synthetic organic top of rail friction modifier. Using state of the art friction modifier technology TORCL 120 is formulated with hydroisomerized, high viscosity iso-alkanes modified with proprietary ingredients. TORCL 120 is essentially non-toxic to aquatic life, is not water soluble and designed to adhere to the rail. TORCL 120 will not freeze, has a very low evaporation rate and is water repellant.

### **Applications:**

TORCL 120 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, TORCL 120 reduces lateral curving forces and top of rail friction levels. Main benefits of using TORCL 120 are increased fuel efficiency, increased rail life, increased safety (reduced derailment forces), and reduced track component wear. TORCL 120 achieves one to two mile carry distance making it an ideal choice for classification yards and terminals.

### **Physical Properties:**

<b>Boiling Point:</b>	>600°F (>316°C)
<b>Specific Gravity:</b>	0.835 – 0.855 (Kg/Liter)
<b>Weight per Gallon (US):</b>	6.97 - 7.14 pounds/gallon (US)
<b>Viscosity:</b>	110 - 130 cst @ 22°C
<b>Appearance:</b>	Viscous, clear 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*

### **Loram Maintenance of Way, Inc.**

3900 Arrowhead Drive  
Hamel, Minnesota 55340 USA  
Tel: (763) 478-6014 (800) 328-1466  
www.loram.com  
sales@loram.com