



TORCL 40 Technical Sheet



Description:

TORCL 40 is a synthetic organic top of rail friction modifier. Using state of the art friction modifier technology TORCL 40 is formulated with hydroisomerized, high viscosity iso-alkanes modified with proprietary ingredients. TORCL 40 is essentially non-toxic to aquatic life, is not water soluble and designed to adhere to the rail. TORCL 40 will not freeze, has a very low evaporation rate and is water repellant.

Applications:

TORCL 40 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 40 reduces lateral curving forces and top of rail friction levels. Main benefits of using TORCL 40 are increased fuel efficiency, increased rail life, increased safety (reduced derailment forces), and reduced track component wear. TORCL 40 achieves one to two mile carry distance making it an ideal choice for classification yards and terminals

Physical Properties:

Boiling Point:	>600°F (>316°C)
Specific Gravity:	0.82 – 0.84 (Kg/Liter)
Weight per Gallon (US):	6.84 - 7.01 pounds/gallon (US)
Viscosity:	35 - 45 cst @ 22°C
Appearance:	Viscous, blue tinted liquid
Odor:	None
Solubility in Water:	Insoluble in water
Incompatibilities:	Strong oxidizing materials
Flammability:	Non-flammable, non-combustible
Stability:	Stable under normal handling conditions
Corrosive:	Non-corrosive
Pour Point:	< -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