



TORCL 80 Technical Sheet



Description:

TORCL 80 is a synthetic organic top of rail friction modifier. Using state of the art friction modifier technology TORCL 80 is formulated with hydroisomerized, high viscosity iso-alkanes modified with proprietary ingredients. TORCL 80 is essentially non-toxic to aquatic life, is not water soluble and designed to adhere to the rail. TORCL 80 will not freeze, has a very low evaporation rate and is water repellant.

Applications:

TORCL 80 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 80 reduces lateral curving forces and top of rail friction levels. Main benefits of using TORCL 80 are increased fuel efficiency, increased rail life, increased safety (reduced derailment forces), and reduced track component wear. TORCL 80 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:	0.83 – 0.85 (Kg/Liter)
Weight per Gallon (US):	6.93 - 7.09 pounds/gallon (US)
Viscosity:	72 - 88 cst @ 22°C
Appearance:	Viscous, clear 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

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