



electric locomotive

ES10

SAE 75W-90

100-ton units

75 mph

70% of **1,640 gearboxes** powering 410 freight train locomotives are operated with **CuGlide™-powered SAE 75W-90 gear oil**.

Excellent viscosity control is key to sustaining critical film thickness between gear teeth and bearings. Reducing **water contamination** of the wheel reduction gear unit (WRGU) prevents premature aging of the oil and accelerated excessive wear and bearing failure!

Two years to demonstrate the benefits of CuGlide™-powered SAE 75W-90 versus a global approved brand.

Twin- and triple-section electric locomotives play a crucial role in efficient freight transportation.

The correct full-synthetic gear oil with excellent load-carrying capabilities and effective gear lubrication is a necessity for slow, highly loaded, heavy-duty train applications.

CuGlide™ x Locomotive WRGUs provides freight train operators with a high-performance gear oil which safeguards efficient and reliable operation.

VISCOSITY CONTROL

RELIABILITY

EFFICIENCY

LIFE EXTENTION

SAVINGS

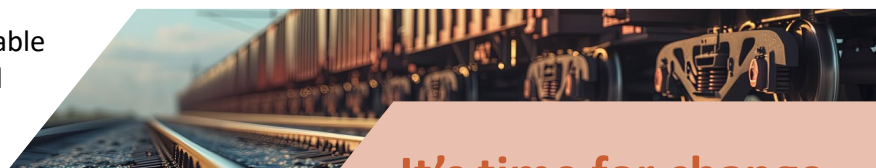
Better viscosity control. The CuGlide™ oil was rejected only 83 times versus 497 times for the global brand – a **sixfold benefit**.

Better WRGU wear protection. Only 17% of 24 bearing failures with the CuGlide™ oil – a **fivefold benefit**.

Surpassing the global brand with consistency! A reliable gear oil solution which protects the performance and longevity of the lubricant and the WRGU.

Better water protection. The CuGlide™ oil was rejected only 19 times versus 111 times for the global brand – a **sixfold benefit**.

Better elastomer compatibility. Only 15% of 20 gearbox leaks with the CuGlide™ oil – a **fivefold benefit**.



It's time for change.

CuGlide™, a transformative ultra-low SAPS, full-synthetic gear oil technology which benefits the rail transportation industry with improved operational efficiency, extended asset life, and improved business profitability.

For more information on Neol's innovative lubricant technology contact www.neol.world