



# RAIL LUBE TO REDUCE WEAR, ELIMINATE NOISE & REDUCE LOW SPEED DERAILMENTS

## SUPER-LUBE® RAIL LUBRICANT

Super-Lube® Rail Lubricant is a synthetic composition that incorporates Polytetrafluoroethylene polymer (PTFE) into a unique and patented product. Engineered specifically for the interface of wheel and rail: to reduce wear, eliminate noise and aid in the reduction of low speed derailments. It is available in formulations for gauge face and top of rail applications. It is inherently biodegradable.

PTFE provides maximum lubricity because of its very low coefficient of friction and its very high affinity for metal surfaces. This lubricant has ideal visco-elastic properties which enable SuperLube® to achieve remarkable carry and lubricating efficiencies. One study demonstrated carrying capability in excess of 20 miles. Because of this superior balance of lubricity and adhesiveness, Super-Lube® also helps reduce risk of low speed derailments.

Super-Lube® is an extremely effective wear reducer. In a recent study performed in partnership with San Diego Trolley, in a transit and freight environment, use of Super-Lube® has extended rail life of track that had been previously unlubricated and worn to within 75% of condemnation, in excess of 48%. In rail that has had Super-Lube® from the day it was placed in service, it is anticipated to extend rail life by more than 215%. This equates to enormous cost savings to any railroad or transit agency.



## BENEFITS

- ✓ Reduction of Wheel and Rail Wear
- ✓ Noise Suppression/Abatement
- ✓ Reduction in Low Speed Derailments
- ✓ Unparalleled Carry/Tracking Ability
- ✓ Environment Friendly
- ✓ Temperature range is -45°F to +500°F
- ✓ Inherently Biodegradable
- ✓ Waterproof and will not wash off
- ✓ Prevents rust and corrosion
- ✓ Dielectric

## GAUGE FACE RAIL LUBRICANT

Part #: 47-41040-5, 47-41040-5SRS, 47-41050-5

TEST	TEST METHOD	RATING
Color Grade	ASTM D-217	Translucent, Colorless 0,1,2
Temperature Range		-45 °F to + 500 °F
Flash Point Fire Point	Cleveland Open Cup (COC) ASTM D-92	>428 °F >572 °F
Timken OK Load	ASTM D2509 & 2782	40 Lbs.
Weld Point Load Wear Index	ASTM D2783	400 Kg 81.73 Kg
Dropping Point	ASTM D566	>500 °F (260 °C)
Dielectric Constant	ASTM D924	2.5
Warranty		24 Months



A Product of The Synco Chemical Corporation  
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[super-lube.com](http://super-lube.com)

**For Total Lube Solutions,  
GO WITH THE FLO!**

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