



Rowe Hankins Ltd.

-  **Innovate**
-  **Design**
-  **Deliver**

Wheel Flange Lubrication & Top Of Rail Friction Modifier

WFL

Rowe Hankins Intelligent & Sensory Wheel Flange Lubrication systems, are a trainborne dispensing system, designed to help improve rail safety whilst reducing wheel wear & noise, saving time, money and service affecting failures.

As fitted on the Class 345 (Elizabeth Line Fleet)

ToRFM

Top of Rail Friction Modifier is engineered to reduce curve squeal noise and short pitch corrugation by the application of a Friction Modification grease to the top of the rail track. This reduction in friction reduces wheel and the track wear and noise. The application of Friction Modifier (RHC-TG1) is achieved by a bespoke compressed air system which transfers the Friction Modifier to the top of rail. The Friction Modifier is also subsequently picked up by other passing wheels.

Both OEM & Retrofit Applications.

Features

-  **Interfaces**
Interfaces to train management systems, track balises and GPS antenna.
-  **Maintenance & cost reduction**
Wheel and track wear are greatly reduced, extending service and maintenance intervals, reducing down-time and costs.
-  **Dispensing**
Dispensed to the top of rail or back of flange in a controlled manner.
-  **Modes**
Standalone / fall-back inertial (YAW, acceleration and distance) based operation mode.
-  **Control**
Control via a dedicated flange area lubrication controller (Falcon).
-  **Safety**
No impairment of braking safety. Helps with rail and wheel fatigue.

Get in touch!

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