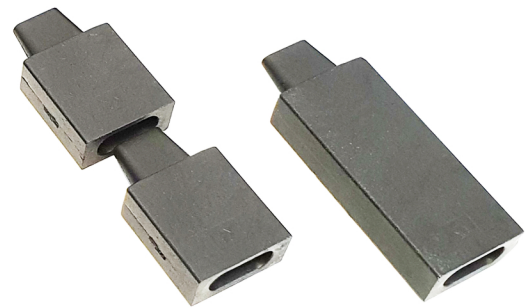


## NSP-WFL bio-based wheel flange lubrication system.

NSP-WFL reduces the coefficient of friction, minimizes wear of wheel flanges and rail, while saving fuel and limiting noise.

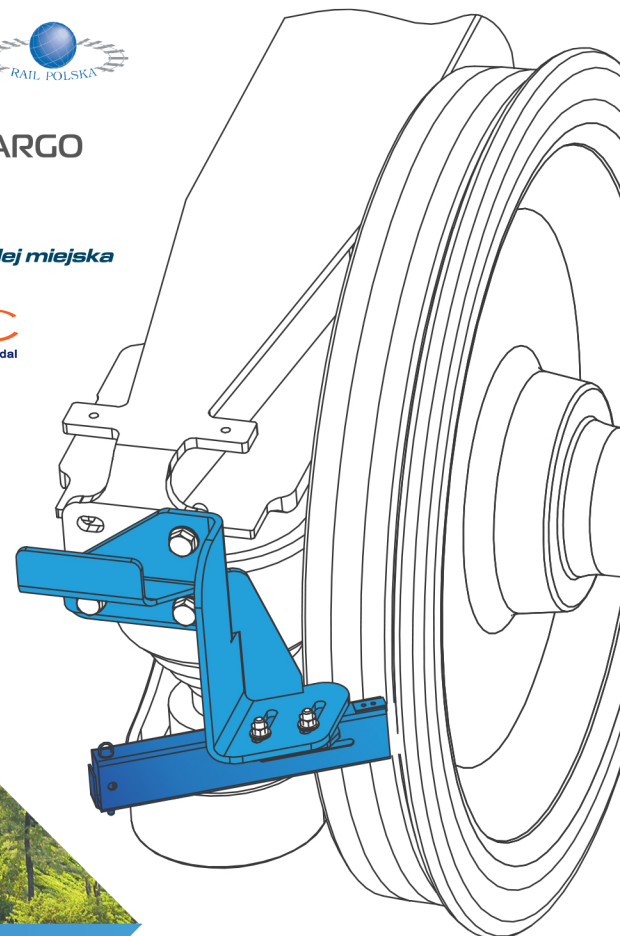
To improve the wheel-rail cooperation, the system lubricates the most vulnerable areas of wear. Solid sticks are pressed against the wheel flange with spring. The thin coating is being passively transferred through rail to subsequent wheels. Solid stick is the cheapest and most reliable method of wheel flange lubrication, and has been in operation for many years now. Effectively used on freight and passenger locomotives, metro and commuter lines, and even heritage railways.

NSP-WFL is a proven system. It is cleaner, simpler and less problematic than oil and grease systems, and far more durable than any other solid lubricant.



### Some of our clients:

**SIEMENS**  
*Ingenuity for life*





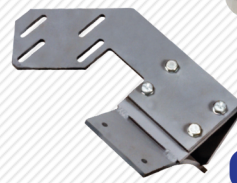
## NSP-WFL:

- Extends wheel life by reducing flange wear
- More durable than competitive lubricants
- Reduces rail wear
- Saves fuel/energy and limits noise
- Environmentally friendly
- Simple installation
- Low total operating cost
- Reduces risk of derailments
- Complies with EN16028 standard

The applicators design can be adapted upon request.



**WFL-APP 24x49x300**  
One of many applicator options



Spare parts available

**WFL-UM-SM42-6D**  
Holding brackets for applicators



25x63x215  
**NSP-WFL 3005 IL**

**K1**

24x49x57

**K2**

26x26x113

**K3**

24x49x217

**K4**

20x44x51

**K5**

20x44x101



25x63x430  
**NSP-WFL 3000 IL**

