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Green Cargo raises transportation efficiency with new brake discs

“Six of our mail wagons will be equipped with the new discs. This winter, we will be taking the wagons for test runs, letting them be part of the regular trains. The tests will run for most of next year,” says Bo Stenback, Head of Wagon Management and Maintenance at Green Cargo.

The new brake discs have several advantages, including the ability to replace worn units without having to dismantle the entire wheel pair. With the previous brake discs, the entire wheel assembly had to be lifted off and sent to the repair shop in Gothenburg. With the new brake discs, only the disc

needs to be lifted off and it can be repaired on site. Another advantage with the new brake discs is that service life has improved. This will lead to a reduced need for workshop visits.

“Our hope is that the switch will increase wagon availability and reduce standing time. The reason we’re making the change on the mail wagons specifically is because these are wagons that run on long routes and are exposed to a great deal of wear,” Bo Stenback says.

The project is being conducted in partnership with Chalmers University of Technology in Gothenburg, which has installed sensors on the brakes to gather information on how the discs are working. This data will be of use to Green Cargo.

“During the test period, we will monitor the function and how wear affects the discs and the brake lining, for later evaluation. If the project is successful, more wagons will have their brake discs gradually replaced with new ones,” Bo Stenback says.

Green Cargo provides the business sector with safe, high-capacity, and sustainable transport services to around 200 locations in Scandinavia. Through our partners, we reach nearly 1,000 destinations across the rest of Europe. In 2024, our transport volume amounted to 9.7 billion net tonne-kilometres. Nearly 98 percent of our total transport work is carried out using electric locomotives powered exclusively by fossil-free electricity. Every weekday, we operate 31 million net tonne-kilometres, replacing approximately 9,000 truck journeys on the road network. We have 1,750 employees and an annual turnover of SEK 4.2 billion (2024).

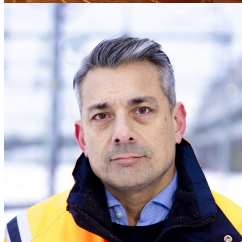
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