

## **Piotr Tokaj: Wear of Brake Friction Pairs on Selected Types of Rail Vehicles**

The article features tests that composite brake blocks of railway vehicles are subject to undergo in order to be placed into service in domestic and international traffic in compliance with the UIC regulations. The tests results examining the wear of various friction materials were compared and listed during operational tests taking into account the friction material wear as well as the wheel or the brake disc. Due to their properties and nonsubstitutability with cast-iron blocks used so far, a detailed description of phenomena appearing during type K brake blocks operation (increased friction coefficient) was presented.

**Keywords:** railway vehicle, friction pair, brake shoes