

Andrzej Zbieć: Causes of Uneven Wear of Wheelsets in Wagons

The article describes reasons of uneven wear of wheelsets in freight cars (wagons) which are caused by interaction of various factors, such as the kind of running gear, material defects, wagon geometry, incorrect springing adjustment (compression of suspensions), incorrect body / bogie connection and others connected with wagon maintenance. These reasons may have different impact on the uneven wear of wheelsets in wagons, they may appear separately or together, may overlap and consequently cause either an intensification of its symptoms or their counteraction.

Keywords: transport, freight car, gear, wheelset, running gear, wheel, wear of wheelset