

**Evaluation of the Performance of the Bogie to Control the Decrement of the Wheel Load
in the Operating Speed Range**

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We developed a bogie to control the decrement of the wheel load for the purpose of preventing of the flange climb derailment by suppressing the decrease of the wheel load. The bogie is equipped with a bogie frame composed of three blocks which are joined together via a rotation mechanism. The bogie can follow the twist of a track by rotating the side beams with the rotation mechanism. We confirmed the satisfactory performance of the bogie in the operating speed range using a test line. This paper describes the performance of the bogie in the operating speed range.