

Train power supply (HEP)

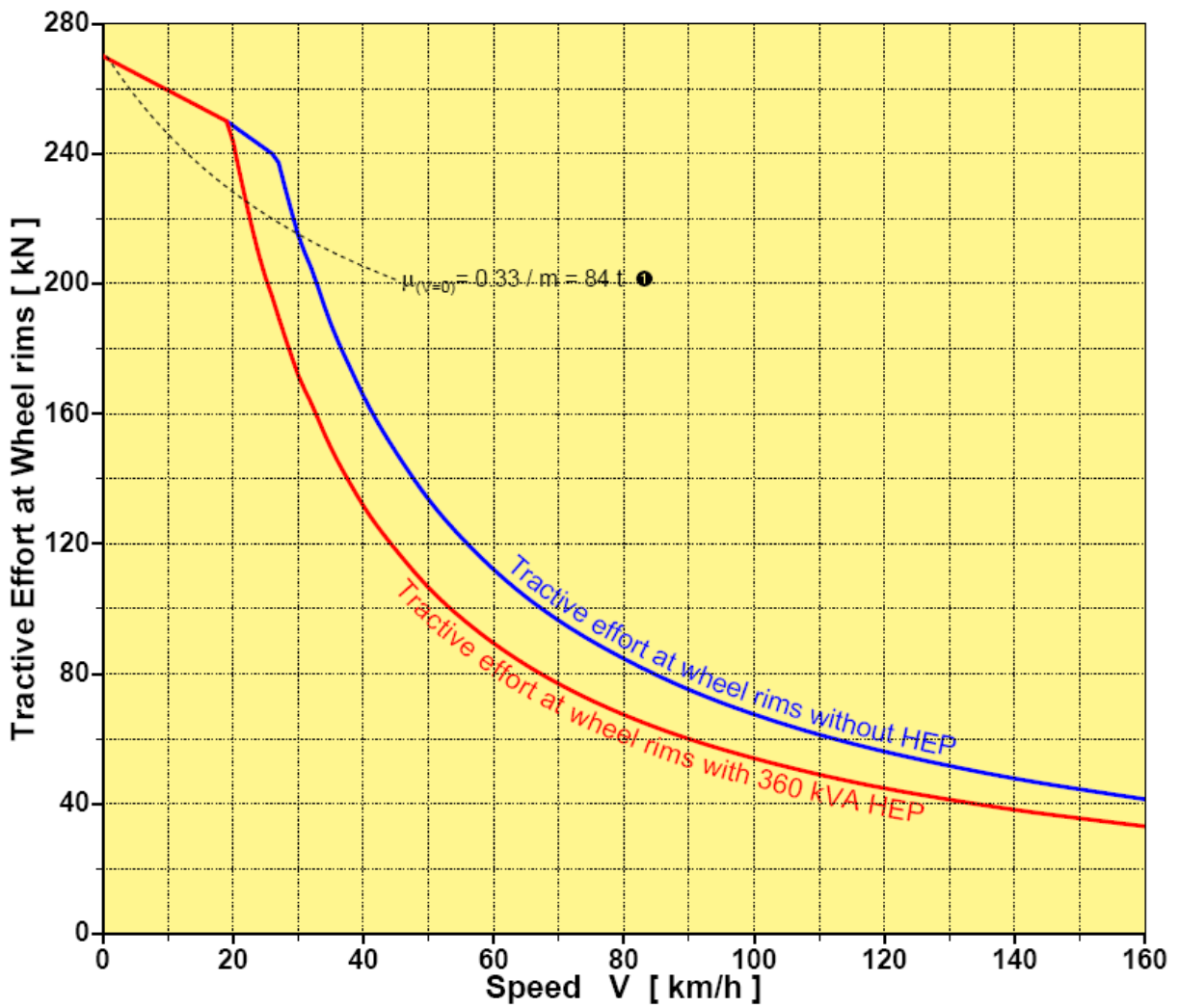


Fig. 4.230 Characteristic of effort: diesel locomotive with and without train power supply (doc. Bombardier).

If a diesel locomotive pulls a passenger train, the diesel motor has also to give power for the train. This power cannot be used for traction (red curve)! On a short ramp, the train driver can switch-off the HEP on the train – which has temporarily no more air conditioning – in order to use the full diesel power for the traction.