

Interactive comment on “Nanoparticle formation in the exhaust of vehicles running on ultra-low sulfur fuel” by Hua Du and Fangqun Yu

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Generally, the paper shows some novel and very interesting work. However, the approach used to describe the spatial dilution may be described in a better way and in more detail. By the way, there is at least one work which used a fully coupled approach in order to describe dilution and aerosol dynamics within a vehicle exhaust plume. The authors may acknowledge this work by Uhrner et al., 2007.

Uhrner, U., von Löwis, S., Vehkamäki, H., Wehner, B., Bräsel, S., Hermann, M., Stratmann, F., Kulmala, M., and Wiedensohler, A.: Dilution and aerosol dynamics within a diesel car exhaust plume - CFD simulations of on-road measurement conditions. Atmos. Environ. 41, 7440-7461, 2007

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