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Interactive Comment

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

Hua Du and Fangqun Yu

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The authors appreciate Dr. Uhrner's thoughtful comments, which helped to improve the paper. The response to the short comment (in Italic) is given below.

Generally, the paper shows some novel and very interesting work. However, the approach used to decribe 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

We will describe how mixing and dilution of exhaust plume were treated in our model in more detail in the revised paper. And we will acknowledge the work by Uhrner et al., 2007 in our revised paper.



Interactive comment on Atmos. Chem. Phys. Discuss., 8, 2715, 2008.

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