

# Advances in Cleaning Mobile Emissions: NO<sub>x</sub>-Assisted Soot Oxidation in Light-Duty Diesel Engine Vehicle Application

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## Description

This chapter summarizes several discussions about the advances in oxidation catalysis for cleaning diesel vehicle pollutants, particularly soot. The development of ceria-based catalysts via morphology tailoring and incorporation of foreign metals is the focus of the discussion. Some fundamentals of catalytic oxidation reaction of pollutants and their corresponding laboratory approaches are also among the matters discussed in this chapter.