

**CONDUCTIVITY IMPROVING COMBINATION OF
CERIUM OXIDE AND DETERGENTS FOR DIESEL FUELS**

ABSTRACT

The disclosure provides conductivity improving concentrates and methods for improving conductivity and reducing risks associated with static discharge in middle distillate fuel composition compositions, particularly diesel fuels. The conductivity improvement is provided with the combination of cerium oxide nanoparticles and dispersant/detergent and shows aged conductivity comparable to or higher than that obtained with conventional antistatic agents.