

HPO

ISO

8178C-1

HRO

ISO

8178C-1 8178C-1 8178C-2

full

load

ISO fast

idle 8178C-1 HRO

full load

HROe

ISO

HPO

ISO

0

full

heal

locomotive and tractor engines using diesel fuel indicates their hydrophobic nonoxidized surface with low relative concentration of polar oxygen containing functionalities

Nanoparticle inorganic chemistry is revealed by absorption bands associated with nitrates, nitrites, carbonates and sulfates This work is supported by RFBR 12-05-00395-a project

and by EU LIFE+ program project ENV/CZ/651