

# Metropolitan Washington Clean Diesel Initiative

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COG



# MWCOG's Diesel Emission Reduction Program

- Nonroad Construction Equipment in Maryland
- Passenger Vessel Operations in the Port of Alexandria, VA
- Prince William County Landfill Equipment
- Anti-Idling Campaign/Driver Recognition

# MWCOG's Environmental Programs

## Regional Policy and Technical Committees

- Metropolitan Washington Air Quality Committee (MWAQC)
- Climate, Energy and Environment Policy Committee (CEEPC)
- Fleet Managers/Alt Fuels
- Green Building Group
- Energy Advisory Committee (EAC)
- Transportation Planning Board (TPB)
- Clean Air Partners

## Areas of Focus

- Air Quality State Implementation Plan (SIP)
- Regional Climate and Energy Initiative

# Offroad Construction Project

- 27 non-road highway equipment
- 3 owners
- Combination of engine upgrades, engine repowers, and diesel particulate filters
- 2 year project, not ARRA, currently working under extension
- Maryland Department of the Environment (MDE) Partner

# Experience with the NonRoad Construction Project

- Hired good vendor, active with customers
- Flexibility with timing of taking equipment out of service
- Need to identify substitute owners
- Need to identify substitute equipment solutions

# Results to Date

- 9 Engine Upgrades
- 1 Repower
- 3 DPF
- 12 tpy NOx
- 1.4 tpy PM
- M&V Visits and Owner Reports

# COG, CAT, and Luckstone Team 777 Repower



# 777 Engine Label



# Reliable Yard



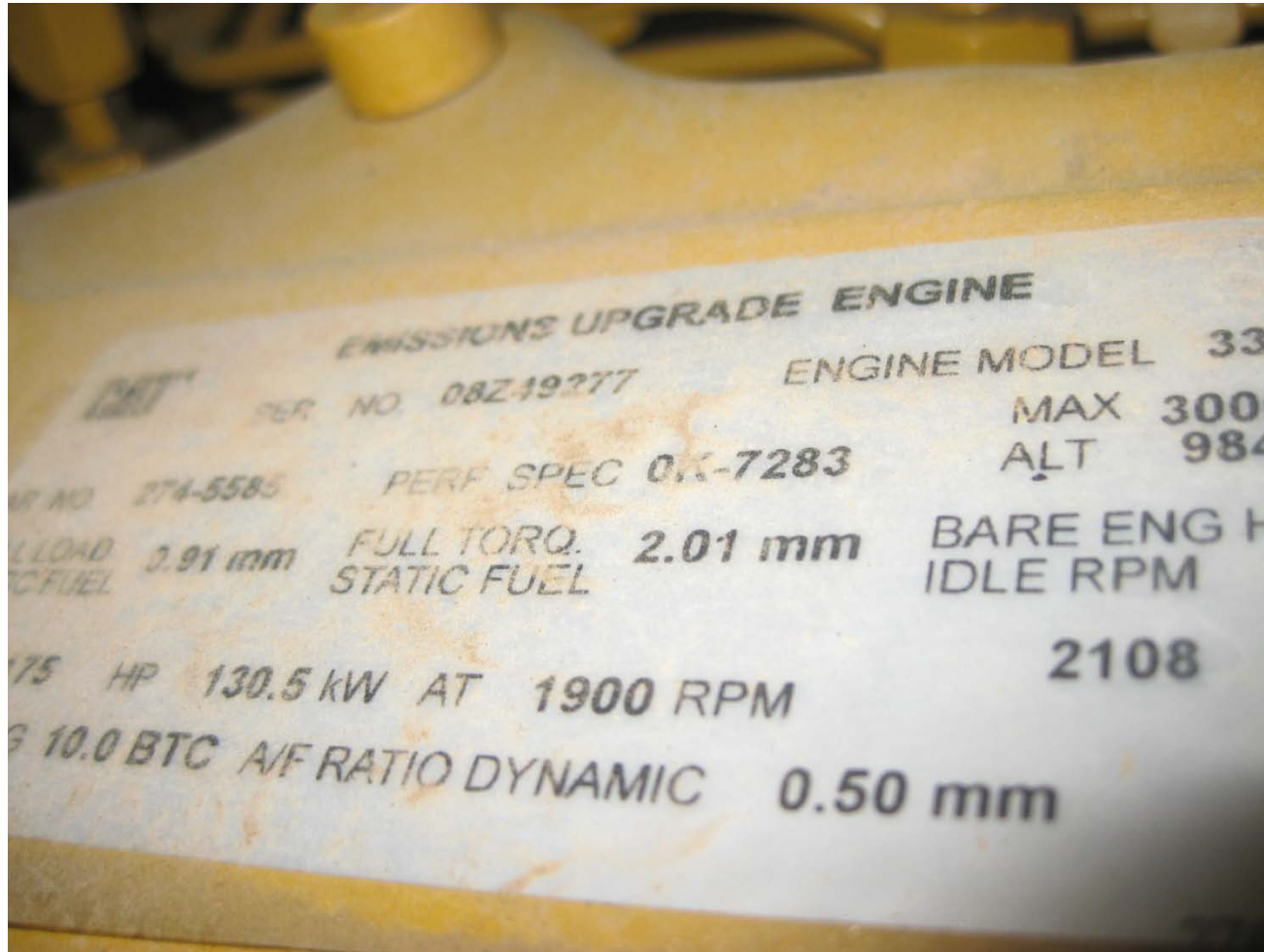
# Rubber Loader DPF



# Asphalt Plant Loader DPF



# Engine Upgrade Label



# Nonroad Highway Construction Equipment



# Questions?

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