

The background features a faded, light blue image of an industrial plant or refinery with various pipes, towers, and walkways. Overlaid on this are several thick, wavy, semi-transparent blue bands that create a sense of motion and depth.

**Test proposals for Mack/Volvo  
Surveillance panel with  
PC9 and PC10 fuels from an  
alternate fuel supplier**

# Mack/Volvo Test Panel, T-8 E

- Viscosity increase and soot loading measurements using reference oil and the candidate fuel

## Test Proposal

Conduct two tests with reference oil and Candidate fuel and verify whether the test data falls within the current range of the current test database.

Submit the data to the panel for approval of the candidate fuel.

Test duration: 300 hours

Oil qty: 35 gallons/test

Fuel qty: 6500 gallons of PC-9 per test

Measurements: Viscosity Increase and Soot loading

# Mack/Volvo Test Panel, T-11

- Viscosity increase and soot loading measurements using reference oil and the candidate fuel

## Test Proposal

Conduct two tests with reference oil and Candidate fuel and verify whether the test data falls within the current range of the current test database.

Submit the data to the panel for approval of the candidate fuel.

Test duration: 252 hours

Oil qty: 28 gallons/test

Fuel qty: 4750 gallons of PC-9 per test

Measurements: Viscosity Increase and Soot loading

# Mack/Volvo Test Panel: T-12

- Lead corrosion, piston ring and liner wear measurements using reference oil and the candidate fuel

## Test Proposal

Conduct two tests with reference oil and Candidate fuel and verify whether the test data falls within the current range of the current test database.

Submit the data to the panel for approval of the candidate fuel.

Test duration: 300 hours

Oil qty: 28 gallons/test

Fuel qty: 4750 gallons of PC-10 per test

Measurements: Liner wear and lead concentration in ppm

# Mack/Volvo Test Panel: T-13 Oxidation test

- FTIR measurements for oxidation using reference oil and the candidate fuel

## Test Proposal

Conduct two tests with reference oil and Candidate fuel and verify whether the test data falls within the current range of the current test database.

Submit the data to the panel for approval of the candidate fuel.

Test duration: 360 hours

Oil qty: 20 gallons/test

Fuel qty: 8150gallons of PC-10 per test

Measurements: FTIR Peak and area (Oxidation)