

EMA – Biodiesel Status

B20 Effects on Engine Oil

- Performance Concerns
 Oxidation
 Deposits
 Corrosion
 Fuel Dilution
 Oil Drain Interval
- NBB / EMA Engine Oil Test
 - C13
 - ISB
 - T12
 - Test Run with Reference Oil
 - Test to Include Additional Oil Analysis & Hardware Insp.
 - EMA Report to HDEOCP in 4th qtr





CJ-4 Oil Field Performance
Limited Data Looks Good
Possible Less TBN Retention

Request Industry Data to be Submitted to EMA for Report & Discussion at December HDEOCP Meeting

- Additional Performance Requirements
 Oxidation IIIF-IIIG Robo?
 Turbo Deposits
 Fuel Economy
- Chemical Limits tbd
- Review Test Redundancy

