

# PC-10 Chemical Limits Task Force

## Report to HDEOCP

May 18, 2004

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# Status Update

- Consensus has been reached on a set of Chemical Limits for the API Proposed Category PC-10:
  - Sulfated Ash (D874) – 1.0% max
  - Phosphorus (D4951) – 0.12% max
  - Sulfur (D4951 or D2622) – 0.4% max
- The Task Force was unanimous in this conclusion

# Status Update

- Some issues remain surrounding the Sulfur limit
  - Small data population exists to support both
    - the need to restrict Sulfur content to 0.4% max,  
or
    - that after-treatment device durability will be adequate at 0.4% Sulfur
  - Engine durability takes priority over potential after-treatment systems durability (per the Task Force Charter)
    - EMA member companies will design their engines and after-treatment systems around lubricants meeting the agreed chemical limits and will support them (including the 0.4% sulfur maximum) for their 2007-2009 MY engines unless they encounter ‘catastrophic problems’. ‘Catastrophic problems’ are defined as the inability to meet 2007 emissions standards despite good faith efforts to resolve any issues with after-treatment technology changes before requesting any lubricant changes

# Next Steps

- Exit Criteria Ballot by HDEOCP
  - Request no ‘Abstains’
  - Fast turn-around (10day?) so the task force can access and analyze the results
- Task Force Meeting at June ASTM to discuss Exit Criteria Ballot results