

API CI-4 Supplement
DEOAP Report to the HDEOCP
February 19, 2004
Chicago, IL

API CI-4 Supplement

Status

- **DEOAP & Lubes Committee have agreed to establish a licensable supplemental category to address EMA concerns with CI-4**
 - ❖ Requirements will be based on OEM tests and limits
 - ❖ Category will be established through a fast-track development process to be included in API 1509
- **CI-4 supplement to include:**
 - ❖ Mack T-11 for soot-viscosity control
 - ❖ Cat C13 for piston deposits
 - ❖ 90 pass injector shear test to improve shear stability
- **Potential timing for introduction**
 - ❖ September 1, 2004 using parameters available on March 31, 2004.
 - OR --**
 - ❖ No later than March 31, 2005 depending on when requirements are defined

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Status

- **Licensing requirements**
 - ❖ **Product must be CI-4 licensed**
 - ❖ **Must document acceptability in supplement engine tests**
 - **Meet limits & read-across guidelines published by OEM sponsor**
 - **OEM review & approval of data**
- **Issues / details to be finalized by DEOAP / API LC:**
 - ❖ **Resolution of EMA request to add 10 TBN minimum by D4739 to the supplement**
 - ❖ **Supplement name**
 - ❖ **Method of display**
 - ❖ **API1509 Appendix D revisions**
 - ❖ **Adjustments to API licensing forms**

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ASTM in the Process

- **Key roles in test development & monitoring**
 - ❖ **ASTM Surveillance Panel or Test Development Task Force deems engine test suitable for use and requests TMC monitoring**
 - ❖ **Test development will be done within ASTM Task Force**