BOI & VGRA Task Force Update

For Discussion at API Lube Committee Meeting
Houston, TX
11/8/04
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Topics for next Task Force meeting

• Resolve any outstanding ballot issues

• Develop recommendations for PC-10 new test BOI&VGRA guidelines
  - Solicit VGRA (and BOI) data for previous HD tests
  - PC-7: Mack T-9, Cummins M11, Cat-1P
  - PC-9: Mack T-10, Cummins M11-EGR, Cat-1R
  - Use confirming past experience as basis to go forward
    - PC-10: T-10 >> T-12, M11-EGR >> ISB

• Construct API database supporting past HD BOI&VGRA guidelines
  - Propose work group to help API staff assemble data from minutes
  - Database for older gasoline tests exists - needs updating

• Solicit data to expand BOI&VGRA guidelines for Group III base stocks

• Continuing discussions on API Base stock Groups?
T10 VGRA  10W30 vs 15W40

Presented at July 15, 2004 BOI&VGRA TF Meeting - Data is average of two technologies
T10 BOI  Grp1 vs Grp 2

Presented at July 15, 2004 BOI&VGRA TF Meeting - Data is average of three technologies
API Base Stock Groups
Comments by various TF Members and API staff

- Low VI Gp III base stocks “like” Gp II+ base stocks, but guidelines different
- Do away with base stock groups and use base stock parameters only
- Identify more basestock parameters than Saturates, Sulfur, and VI, (Volatility)
- Don’t change Group I - focus on Groups II and III
  - Need better saturates test for Group II/III - TF request to ASTM
  - Work group highlighted Naphthene content as major difference
- Industry using GpII+ and GpI+ in marketing - not defined
- Keep API and ATIEL Base stock definitions consistent - ATIEL Gp VI?
  - Establish formal liaison with ATIEL?
- Work to integrate API and ACEA engine oil categories.

*Any input/comments/guidance from API Lube Committee?*