

Crude Oil Quality Group

Canadian Crude Subcommittee Update

San Antonio, TX Meeting
October 23, 2008

Canadian Crude Subcommittee

- Review of Ideas from Prior Meetings
 - Housekeeping and updates
- Current Work in Progress
 - Canadian Crude Quick Reference Guide
- “News” Items
- Additions & New issues
- Next Steps

Review

- Quick Reference Guide for Canadian Crudes
 - Generate list of potential properties
 - Select key properties for Reference Guide
 - Gather data (current status)
 - Publish on COQG website
 - Discuss potential consolidation of similar crude grades

Review

- TAN Methodology White Paper
 - List of methods for TAN and NAN
 - Check with CCQTA re revisions to D664
 - Organize round robin if warranted
- Spearhead degradation
 - Cracked stock management process
 - Sweet synthetic segregation
 - consolidate/standardize cracked stock management on all pipeline systems moving WCSB crudes

Review

- Sweet synthetic “manufacturing” & QC practices
- Production methods impact on quality
 - Covered in Calgary meeting – more needed?
- TAN vs corrosivity in WCSB crudes
- Crude Compatibility
 - Experience indicates generally not a problem, but issue continues to surface
 - How many \$\$, partners needed to put to rest?

Current Work in Progress

- Crude Characterization Forms
 - Acrobat forms based documents sending data email to Crude Quality Inc.
 - CQI to compile & distribute aggregate data
 - Completed and distributed very recently
 - Should forms be packaged and put on COQG website?
 - How will reminders/update communications be done?

“News” Items

- Canadian Condensate Specifications and Guidelines
 - CAPP CQ Working Group
 - Applicable to all C5+ on regulated systems only (includes domestic CRW and Southern Lights)
 - Progress review
- New CCQTA proposal
 - AGM in December
 - Process review

“News” Items

- CAPP/AERI TAN Project
 - Develop relationship between TAN molecular structure and corrosivity in WCSB and global crude sources
 - Standards have been run, test apparatus proofed and functioning well, results to date very positive
 - Paper to be presented at NACE 2009 (Atlanta)
 - NPRA Q&A update presentation completed
 - Full project completion in April 2009

“News” Items

- Crude Consolidation
 - Enbridge “ran out of tanks” in May 2008
 - Needed to consolidate “brands” into “grades”
 - Heavy High TAN Dilbits
 - Heavy High TAN Synbits
 - CAPP has requested Enbridge to develop a plan to reduce number of commodities on the system
 - Enbridge provided preliminary review October 14
 - Continuing discussions and program development based on positive savings on the system

Additions and New Issues

- What's new in the US??



- New/Changed Issues



Next Steps

- Do what??
- With whom??
- Resources??
- By When??