



Fluorocarbons In Crude Project Update

CCQTA/COQA Meeting
February 10 & 11, 2010
New Orleans





Fluorocarbons In Crude Project Update

- **Project History**
- **Participants to Date**
- **Project Scope**
- **Proposed Work Summary**



Fluorocarbons In Crude Project History

- CCQTA contacted by a member (additive supplier) regarding the potential hazards to refiners of using fluorocarbons in crude additives.
 - They were considering adding small amounts of fluorocarbons to some formulations and wanted a risk assessment.



Fluorocarbons In Crude Participants

- Project funded by CCQTA – Attendance open to all
- Meeting participants include:
 - IOL, Total, ConocoPhillips, Dupont, Cenovus, MEG Energy, Wilson Analytics, Nova, BP, Omnicon, KBW Processing, NCUT, BJ Services, Pall, Marathon



Fluorocarbons in Crude Project Scope

- Solicit information from members and interested parties on:
 - 🔥 the types and concentrations of fluorocarbons used in various oilfield chemicals.
 - 🔥 available information, tests, studies etc. on use and fate/impact of fluorocarbons on refinery processes.
 - 🔥 available information on impact of fluorocarbons in finished refinery products and stability of fluorocarbons in typical refinery unit operations.
- Provide Feedback/recommendations to the production industry on fluorocarbon use in additives/crude.



Fluorocarbons in Crude Work Summary



- Seek concerns from possible stakeholders
- Examine possible measurement techniques for fluorocarbons in crude
- Collect information from manufactures on fluorocarbon properties
- Solicit report from 3M on refinery impacts
- Develop a discussion paper highlighting refinery concerns





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