

## Jeff Clark

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**From:** Jeff Clark  
**Sent:** Tuesday, August 16, 2011 10:41 AM  
**To:** Jim Moritz Intertek; Allison Rajakumar; Bill Larch; Bob Campbell; Boese, Doyle; Booth, James E.; bradley.carter@intertek.com; Carter, James; cathy.devlin@aftonchemical.com; cca@lubrizol.com; charlie.passut@aftonchemical.com; corey.trobaugh@cummins.com; Dan Pridemore; Greg Shank; James McCord; Jan Peters; Jim Gutzwiller; James.Matasic@Lubrizol.com; jiam@chevron.com; Jim Rutherford; xjc@luberdi.com.cn; joe.franklin@intertek.com; john.haegelin@intertek.com; Ken Goshorn; Mark Cooper; Mark Sutherland; michael.l.alessi@exxonmobil.com; Pat Fetterman; Perry Grosch; Philip Scinto; philipe.f.saad@cummins.com; Riccardo Conti; Ron Buck; ryan.johnson@swri.org; Scott Richards; shawn.whitacre@cummins.com; Steven Kennedy; Tom Wingfield; Torreman, Marnix; vlkersey@ashland.com; luwt@ripp-sinopec.com; wvda@chevrontexaco.com; zbishop@tei-net.com; Jeff Clark  
**Subject:** Cummins Surveillance Panel Minutes August 16, 2011



ISM cylinder head  
updates.pdf ...

Attendance - Jim Moritz, Jeff Clark, Jim Matasic, Bob Campbell, Shawn Whitacre, Pat Fetterman, Christian Porter, Mark Cooper, Jim McCord, Perry Grosch, Doyle Boese, Cory Trobaugh

### Hardware Update-

Cory Trobaugh indicated the timing for Batch H cams are still on schedule for Sept / Oct manufacture. Zack Bishop has 37 Batch G2 cams and so far the batch looks good. Hardness test results (60-62 HRC) Batch C tappets also look good. Batch quantity is almost 4000 pieces.

### Lab Inventory Update

Intertek and SwRI should be able to make it to late September on current hardware, Lubrizol until October.

### Path Forward

It was decided to keep running status quo (Batch B tappets, Batch G cams, using correction factors) for the time being. The G2 cams will be held in reserve. Labs will reference Batch H cams and Batch C tappets once the hardware is available. Cummins will advise every few weeks on the status of Batch H acquisition.

### ISM Cylinder Heads

Bob Campbell noted that a recently ordered, through the dealer, cylinder head resulted in an open chamber head instead of a flat deck head (see attached bulletin). After discussion, it was decided resolve the issue via email ballot. Jim Moritz, Jeff Clark, and Zack Bishop will coordinate the ballot.

