

ISM Exit Ballot Response



David Stehouwer
October 27, 2005



Exit Ballot

Motion	Affirmative	Negative
To accept the Cummins ISM limits for PC-10 and to move forward with an “Exit Criteria Ballot.”	9	8

Proposed PC-10 Parameters

Criterion	Crosshead Weight Loss	Top Ring Weight Loss	Oil Filter Delta P	Adjusting Screw Weight Loss	Sludge
Weight	250	100	250	250	150
Maximum	6.0	90	20	40	8.9
Anchor	5.0	65	12	30	9.0
Minimum	3.5	40	5	15	9.5

Ballot Response

- **Cummins has stated clearly and often that ISM would have it's own limit.**
- **PC-10 performance based on 830, and not on correlation with M11 EGR**
- **ISM / M11 EGR correlation was developed across multiple oils and the pass / fail limit set as an offset from the performance 830**

Ballot Response

- **New data has expanded the 830 data set.**
 - Is there a severity shift?
 - Cummins needs to re-evaluate 830 limits
- **“Backward Compatibility” refers to the use of high Sulfur fuel and its impact on wear, filter plugging and TBN**
 - Does not mean “same limits”.
- **Merit System was a response to ACC desire for flexibility.**
 - If it gives problems, we can consider traditional limits