

**D02.B0.07 D874 Surveillance Panel  
D874 Round Robin October-December 2006**

| <b>Oil</b>                         | <b>90</b>   | <b>91</b>   | <b>811-2</b> | <b>820-2</b> | <b>862-1</b> | <b>PC10A</b> |
|------------------------------------|-------------|-------------|--------------|--------------|--------------|--------------|
| <b>n</b>                           | 27          | 27          | 26           | 27           | 25           | 27           |
| <b>Min</b>                         | 0.94        | 0.76        | 0.76         | 1.43         | 0.72         | 0.84         |
| <b>Mean</b>                        | <b>1.07</b> | <b>0.82</b> | <b>0.90</b>  | <b>1.57</b>  | <b>0.82</b>  | <b>0.89</b>  |
| <b>sR</b>                          | <b>0.08</b> | <b>0.05</b> | <b>0.09</b>  | <b>0.08</b>  | <b>0.19</b>  | <b>0.03</b>  |
| <b>Max</b>                         | 1.27        | 1.03        | 1.13         | 1.80         | 0.95         | 0.98         |
| <b>95% Lower</b>                   | <b>0.91</b> | <b>0.72</b> | <b>0.72</b>  | <b>1.40</b>  | <b>0.45</b>  | <b>0.82</b>  |
| <b>95% Upper</b>                   | <b>1.23</b> | <b>0.92</b> | <b>1.09</b>  | <b>1.73</b>  | <b>1.18</b>  | <b>0.95</b>  |
| <b>Median Resultates</b>           | 0           | 0           | 0            | 0            | 0            | 0            |
| <b>Median Final Furnace Cycles</b> | 4           | 3           | 4            | 3            | 3            | 3            |

**Overall Round-Robin Precision  
(6 Oils -- 9 Labs)**

**In Original Units**

|    |       |
|----|-------|
| n  | 159   |
| sr | 0.039 |
| sR | 0.069 |
| r  | 0.11  |
| R  | 0.19  |

**In Natural Log (ln) Transformed Units**

|    |       |
|----|-------|
| n  | 159   |
| sr | 0.039 |
| sR | 0.067 |
| r* | 0.11  |
| R* | 0.19  |

\*at 1% ash

Interactions are significant in either analysis  
(not all labs characterized the six oils the same way)