

ASTM HDEOCP Meeting - Chicago, IL
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**UPDATE OF ASTM TASK FORCE ON
LOW TEMPERATURE RHEOLOGY OF
USED ENGINE OILS (LOTRUO)**

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Current LOTRUO Activities

- **MRV Used Oil Round Robin**
 - **Data on 9 samples at two temperatures (-20/-25C) using two methods (D4684 or modified preheat) have been received**
 - 9 labs reporting D4684 results (3 labs did not respond within time limits)
 - 5 labs reporting modified MRV method
 - statistical analysis to be conducted using ASTM D2PP software
 - expect to review results with working group within ~1 month
- **Have begun to receive drain samples from PC-9 engine test precision matrix:**
 - **T10: 2 samples; M11 EGR : 3 samples ; 1Q: 1 sample**
 - **These samples (and others) will be useful in further assessing low temp. testing protocols on used oils**
 - **Does the HDEOCP require low temp. data on all matrix results?**