

Further Studies of Heavy-Duty Engine Oils Related to Turbo-Coking

Using ASTM Method D 6335

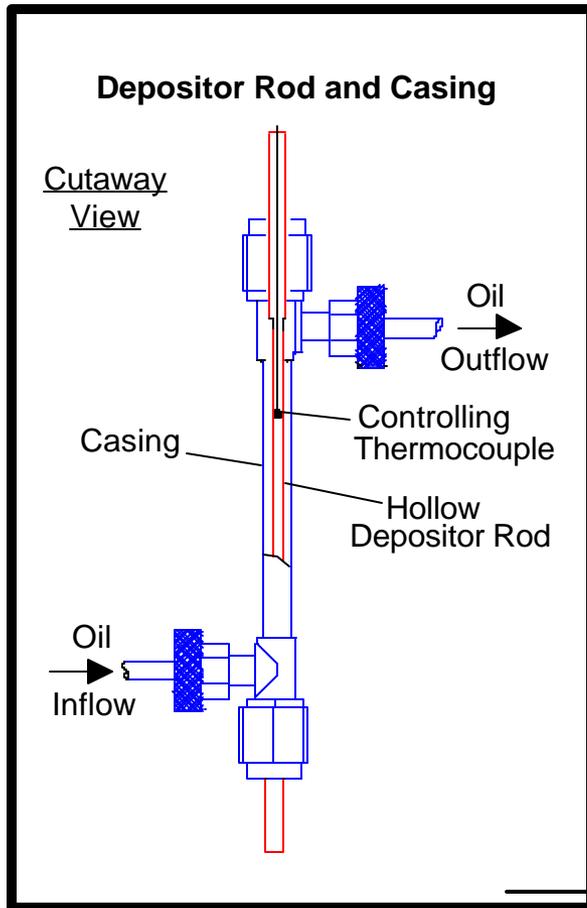
Presented at the HDEOCP Meeting
Rosemont, Illinois Holiday Inn

2003 March 2

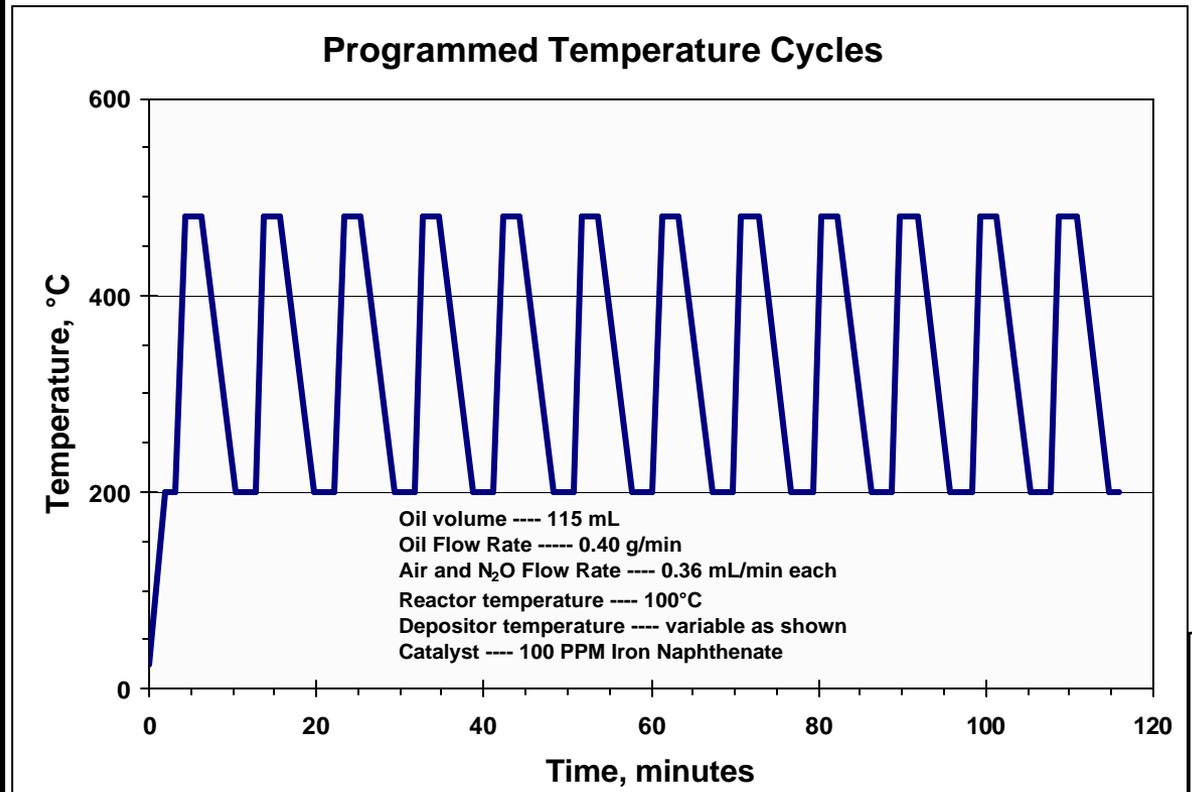
By Ted Selby, Savant Inc.

Continued Turbo-Coking Studies

- In February presentation background on passenger car turbocoking test development was given. Test has variety of possible modifications: Test duration, sample size, temperatures, catalyst, depositor rod material, flow rate, etc.



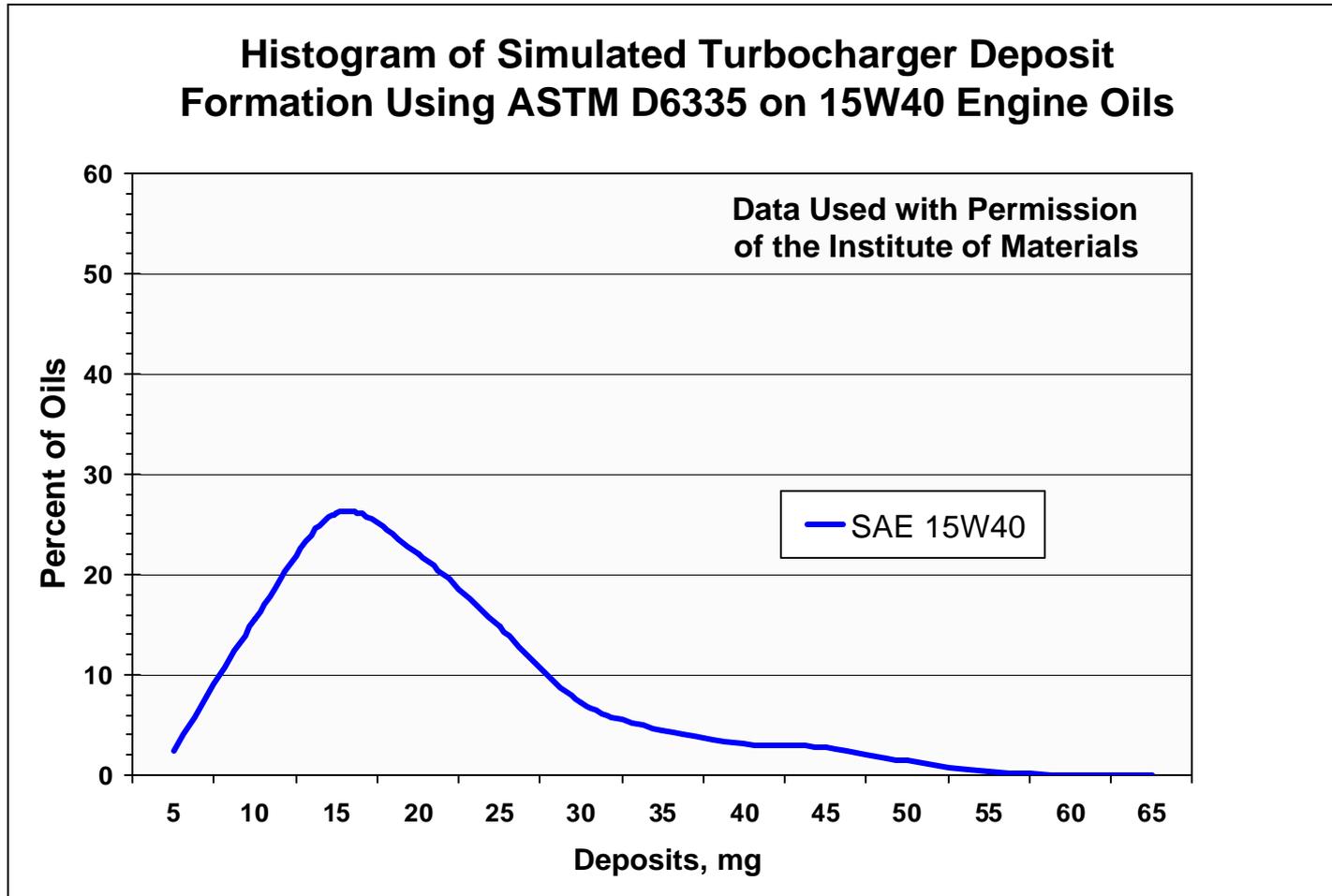
Depositor Cell



Depositor Temperature-Cycling Program

Continued Turbo-Coking Studies

- The resulting test, ASTM D6335, is used in passenger car engine oil specification. Analysis of data on 291 SAE 15W40 in the IOM Database from 1996 to 2002, was reported at the HDEOCP February meeting:



Continued Turbo-Coking Studies

- Expectations of several participants at the February meeting that lower deposit levels would be shown by single grade SAE 30 and 40 oils were found to be correct in further study of the IOM data:

