

Caterpillar C13 Test Criteria

500 hour – Steady State Test Cycle

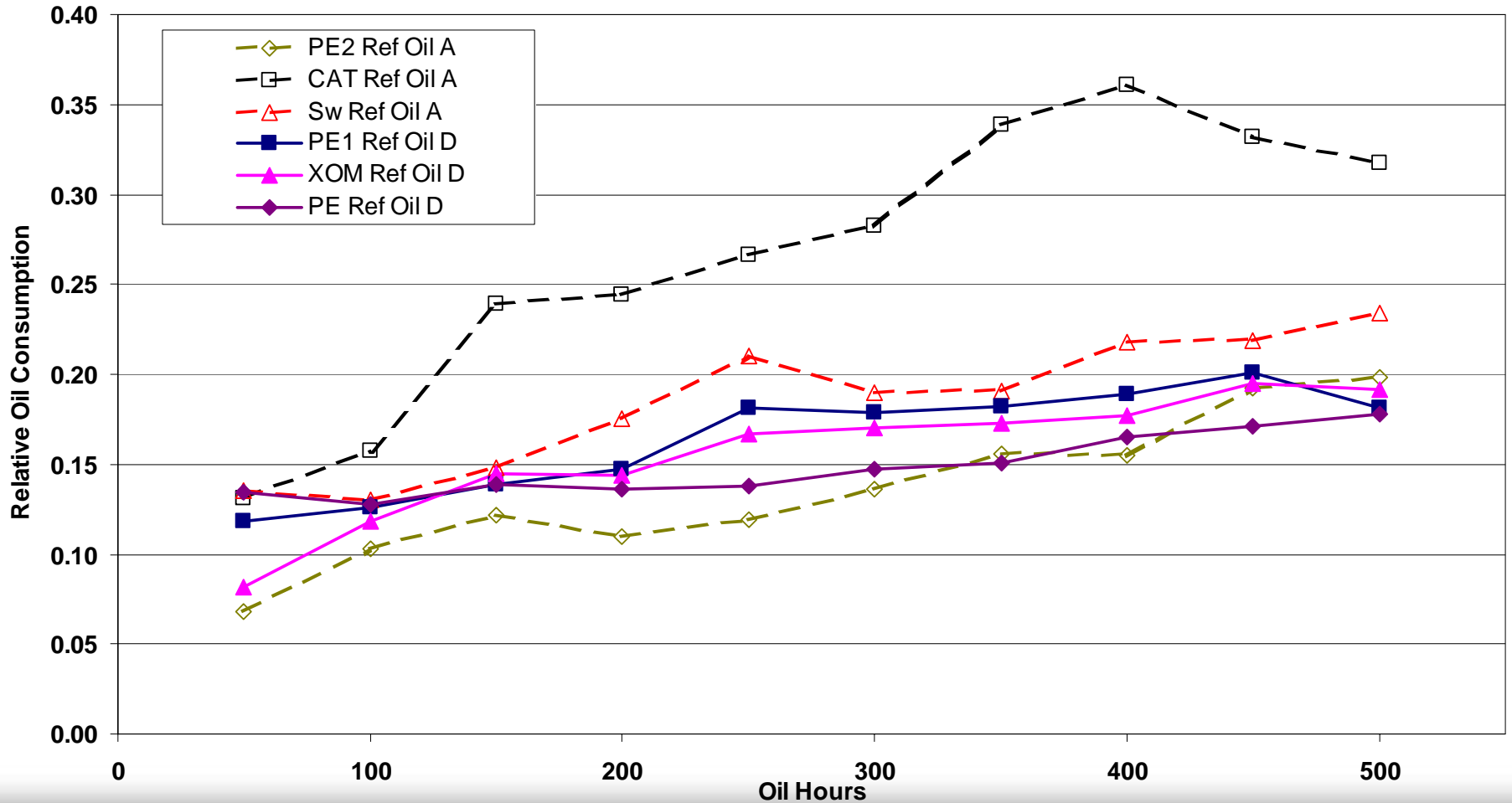
Test Pass/Fail Criteria:

1. No Loss of Oil Consumption Control
 - a) Limits to be determined by Taskforce
 - b) Calculation to be defined by Taskforce
2. No stuck rings/Loss of ring side clearance
3. Other parameters to be determined by Taskforce



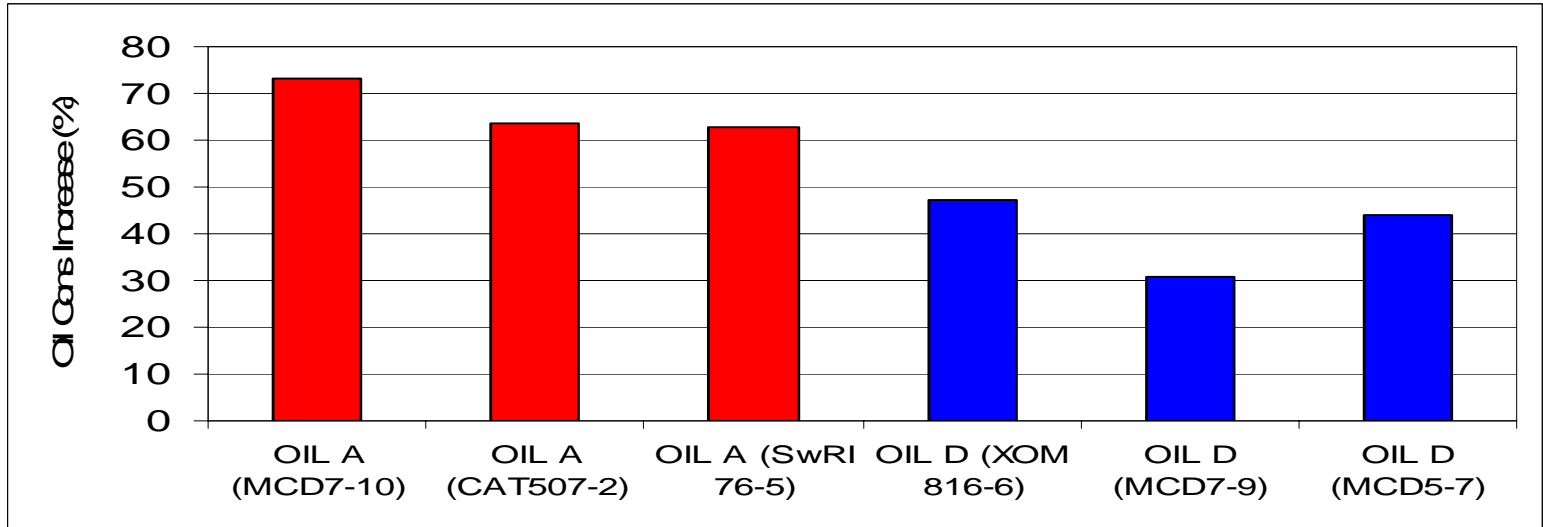
Caterpillar C13 Test Update

C13 Raw Oil Consumption



Caterpillar C13 Test Update

February 11, 2005

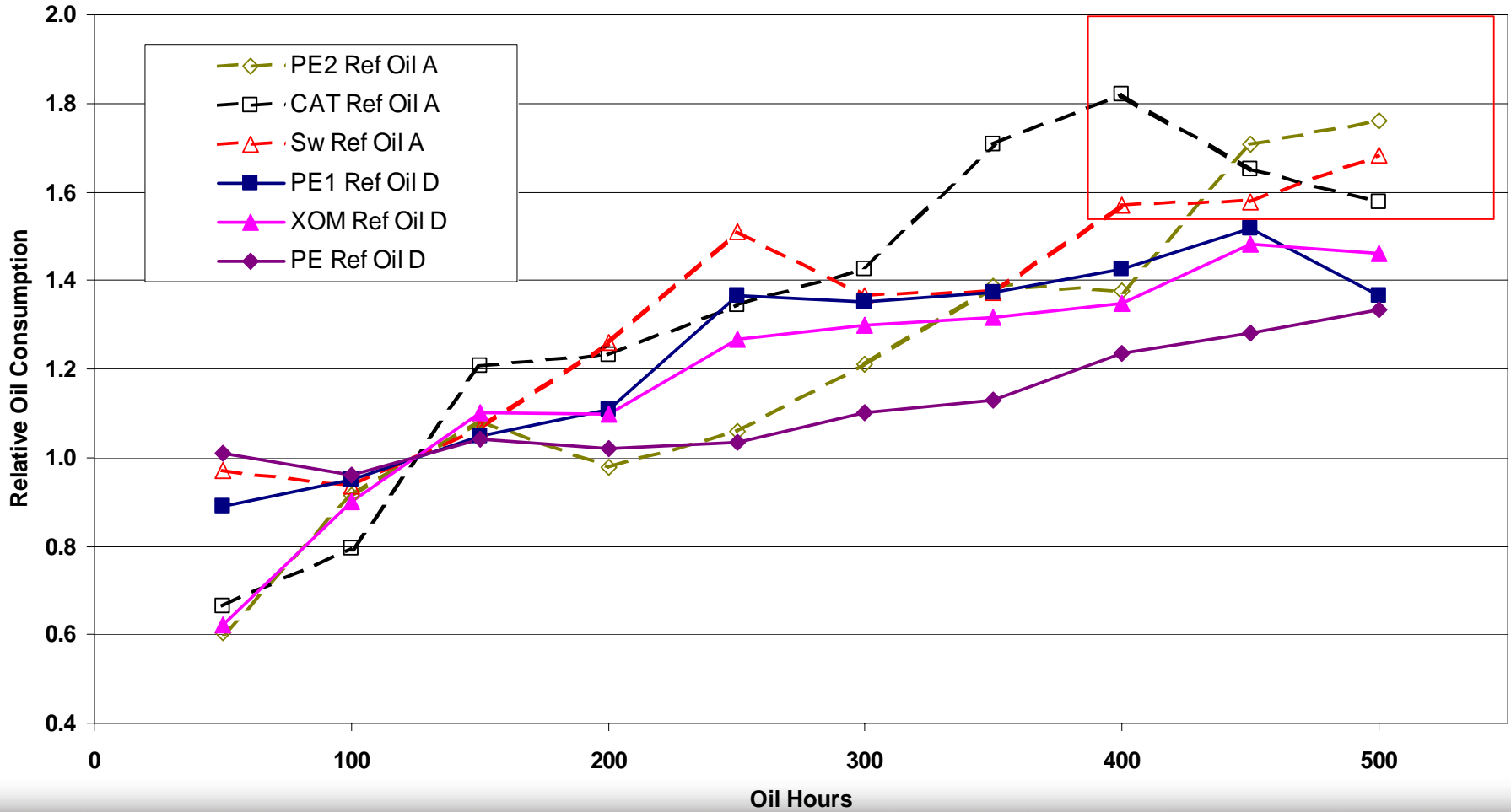


<u>Oil</u>	<u>Test Hours</u>	<u>Oil Cons Inc</u>
Oil A (MCD7-10)	500	73.3
Oil A (CAT507-2)	500	63.8
Oil A (Sw76-5)	500	62.9
Oil D (XOM816-6)	500	47.1
Oil D (MCD7-9)	500	30.7
Oil D (MCD5-7)	500	44.2



Caterpillar C13 Mini-matrix Test Status

C13 Normalized Oil Consumption

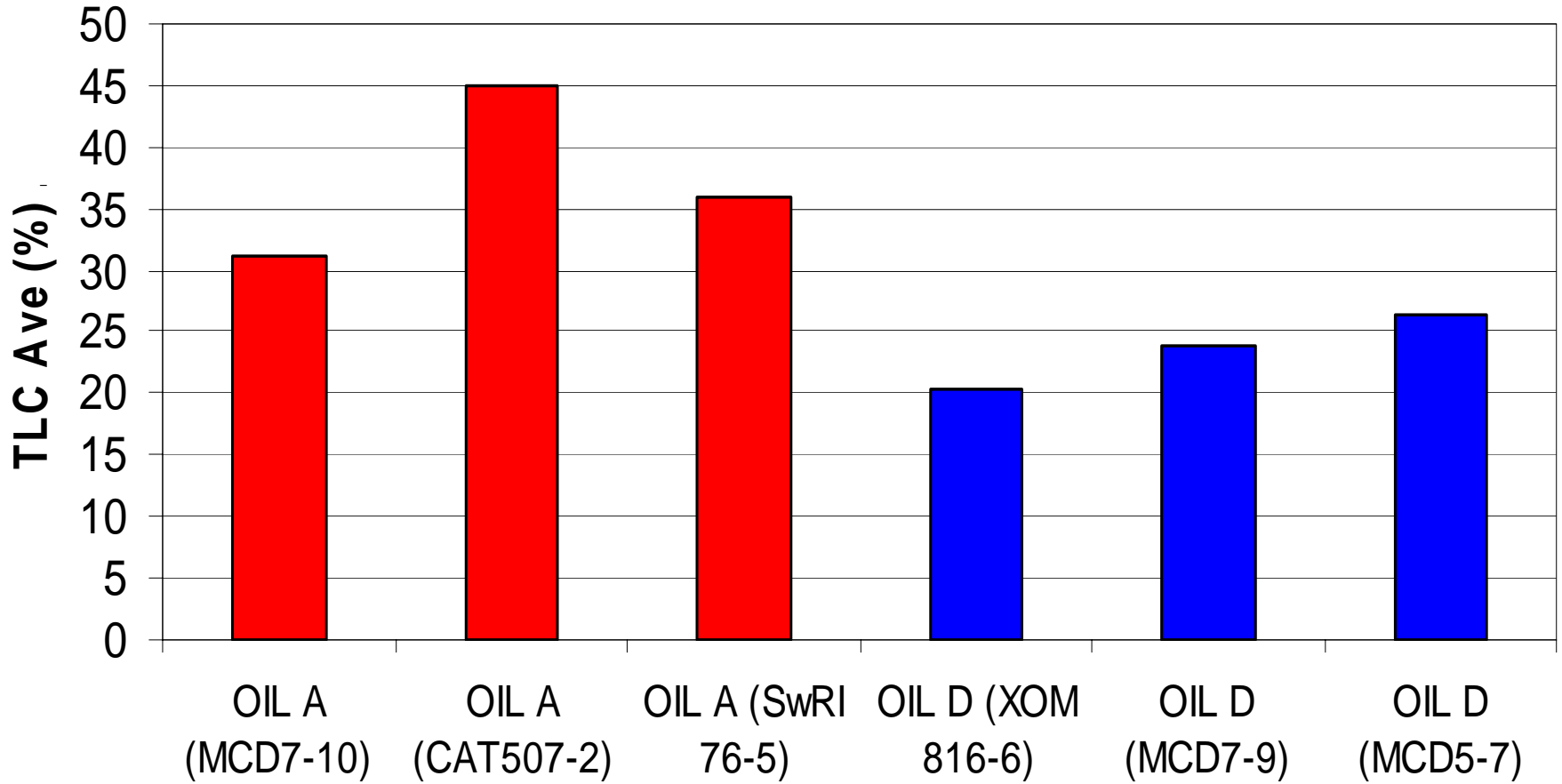


No CCV, ULSDF Tests, Second Ring

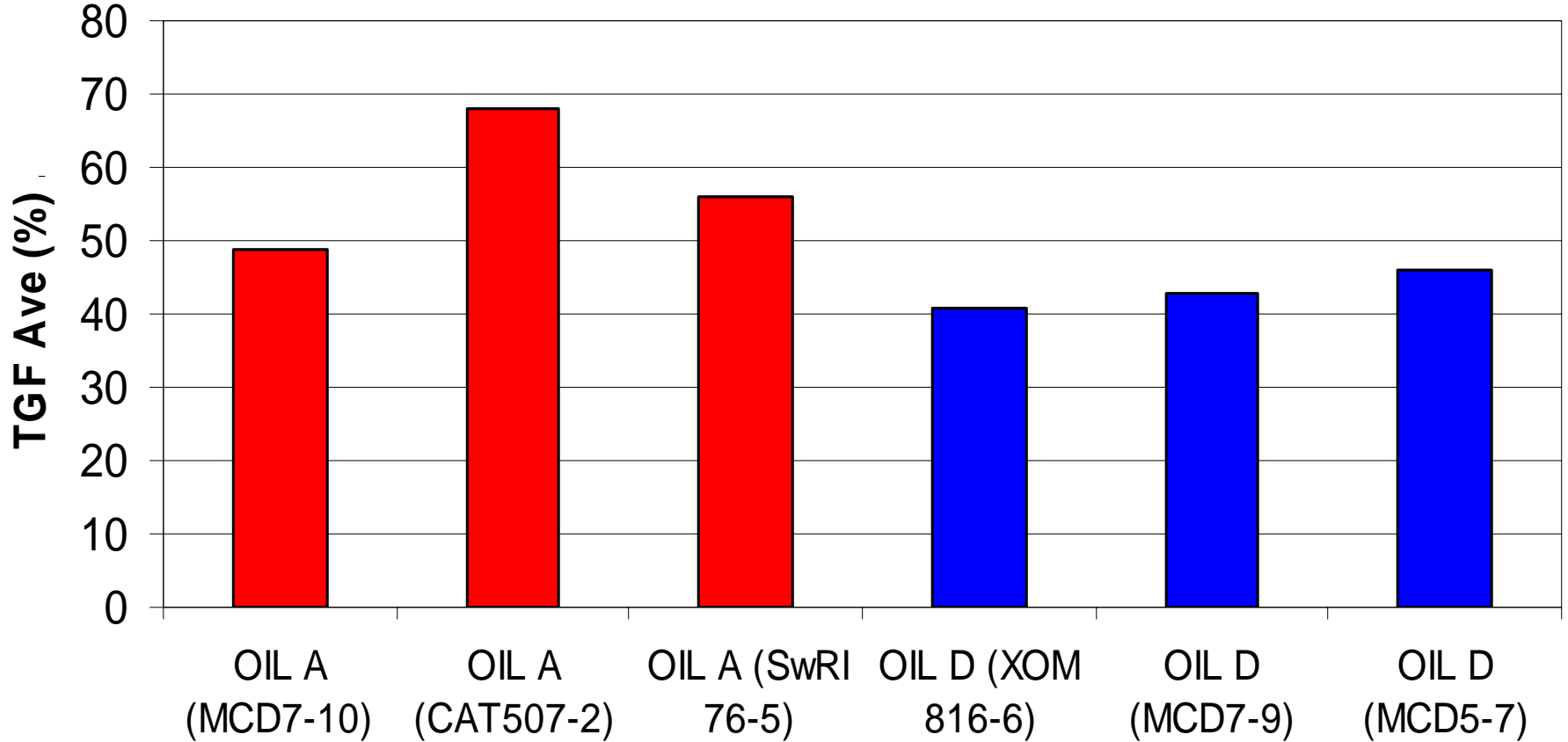
<u>Oil</u>	<u>RSC # (max loss)</u>	<u>TLC (Ave)</u>
Oil A (MCD7-10)	0.039	31
Oil A (CAT507-2)	0.051	45
Oil A (Sw76-5)	(3) 0.065	36
Oil D (XOM816-6)	0.042	20
Oil D (MCD7-9)	(1) 0.039	24
Oil D (MCD5-7)	0.064	26



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