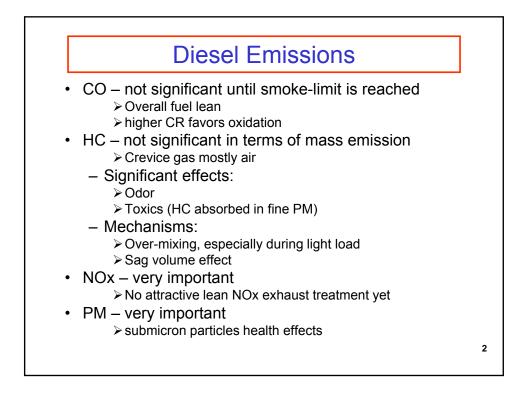
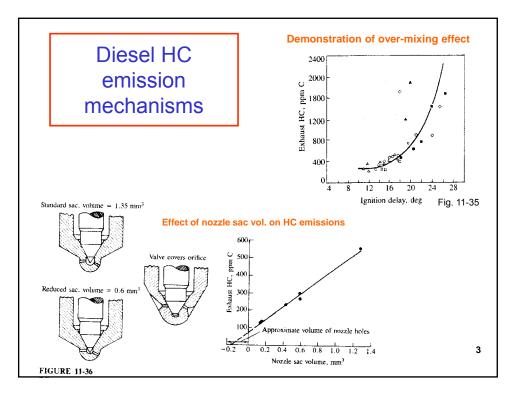
Diesel Emissions and Control

- Diesel emissions
- Regulatory requirements
- Diesel emissions reduction
- Diesel exhaust gas after-treatment systems

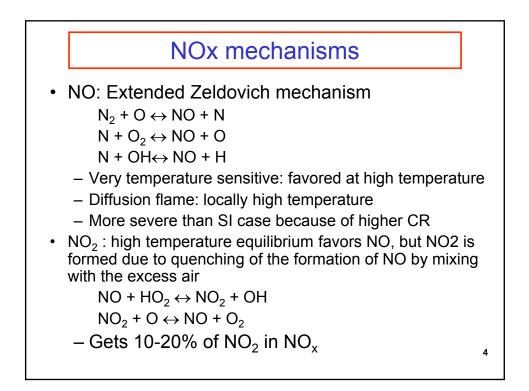
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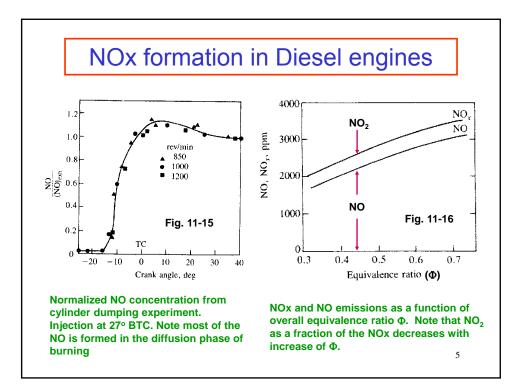
• Clean diesel fuels



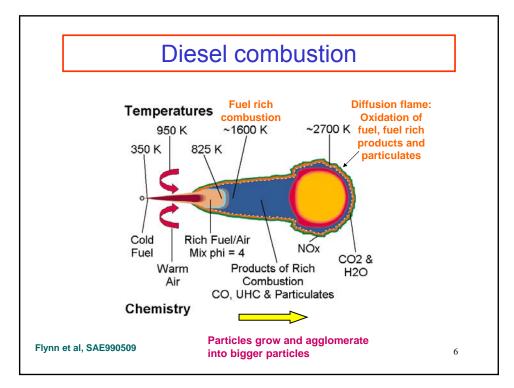


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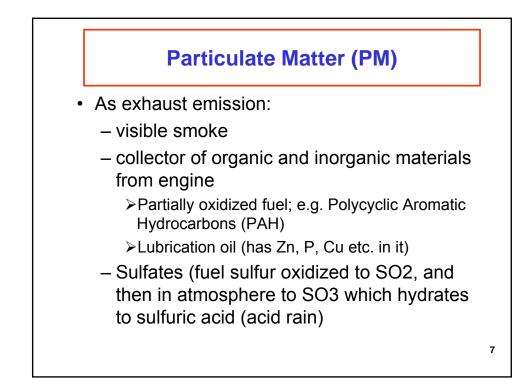


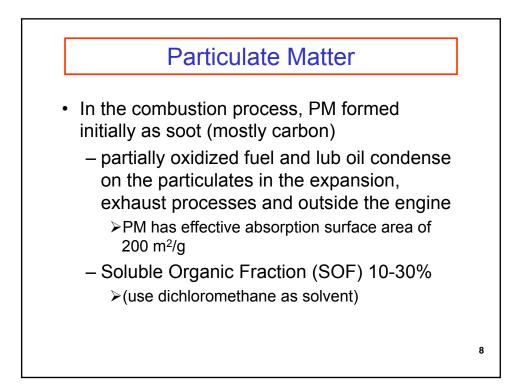


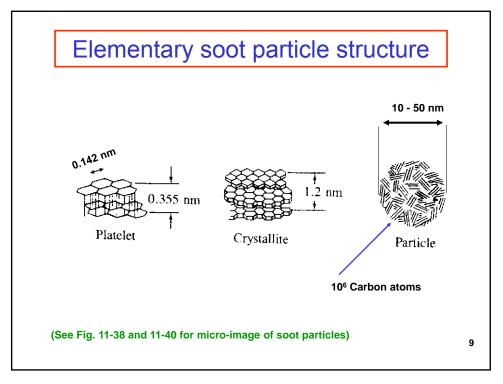
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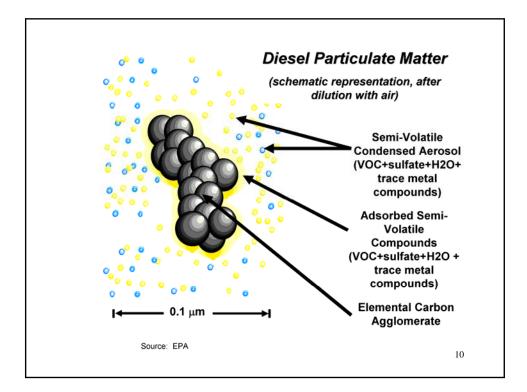
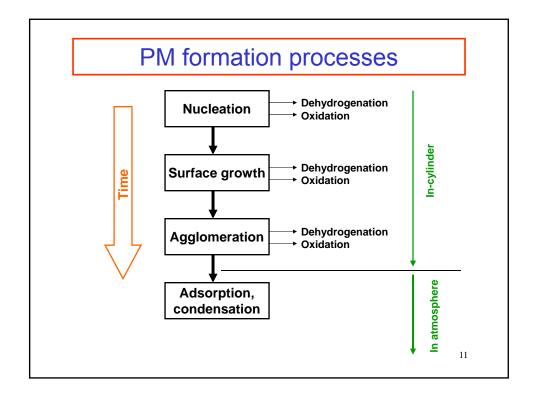
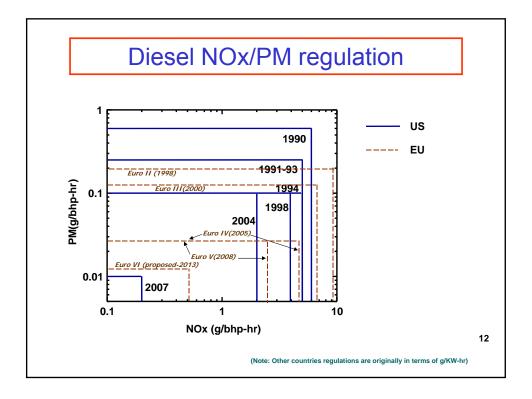
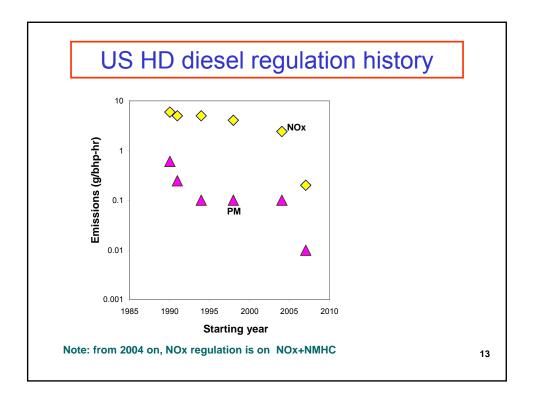
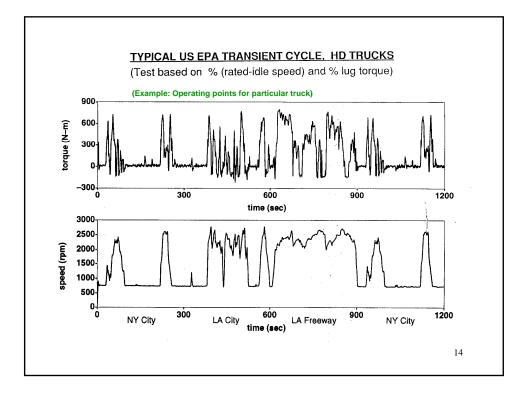


Image courtesy of EPA.

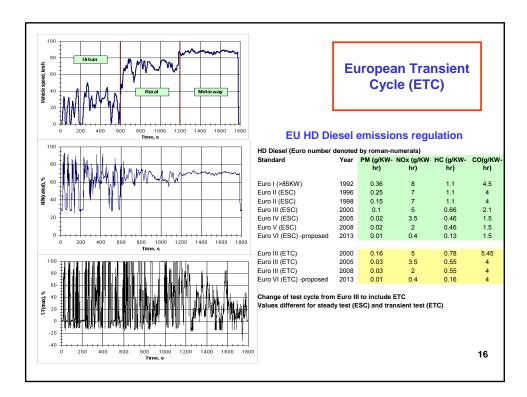


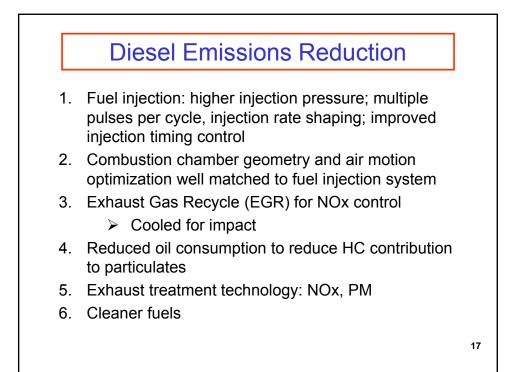


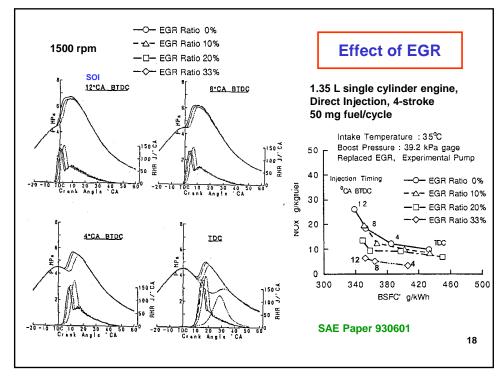




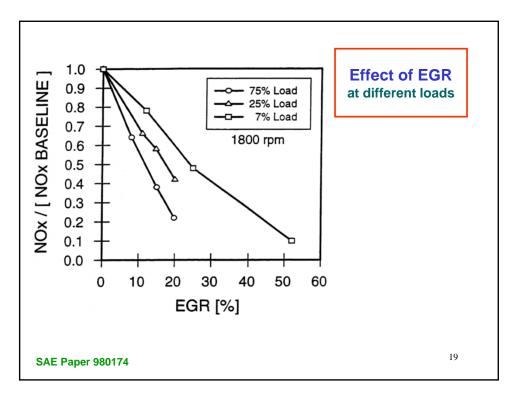
EUROPEAN					
	EUROPEAN R-49 13-MODE TEST - WEIGHTING FACTORS				
MODE	SPEED (rev/min)	LOAD (%)	WEIGHTING		
1	Idle	0	0.25/3		
2	Peak Torque	10	0.08		
3	Peak Torque	25	0.08		
4	Peak Torque	50	0.08		
5	Peak Torque	75	0.08		
• 6	Peak Torque	100	0.25		
7	Idle	0	0.25/3		
8	Rated	100	0.10		
9	Rated	75	0.02		
10	Rated	50	0.02		
11	Rated	25	0.02		
12	Rated	10	0.02		
13	Idle	0	0.25/3	1	



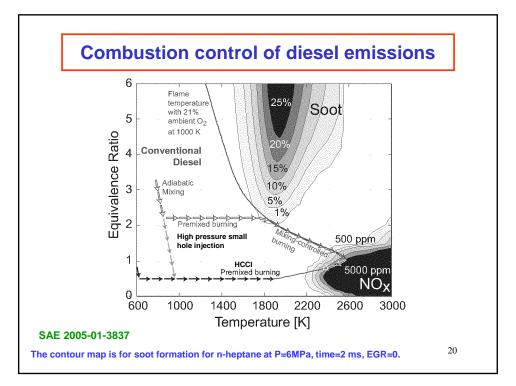




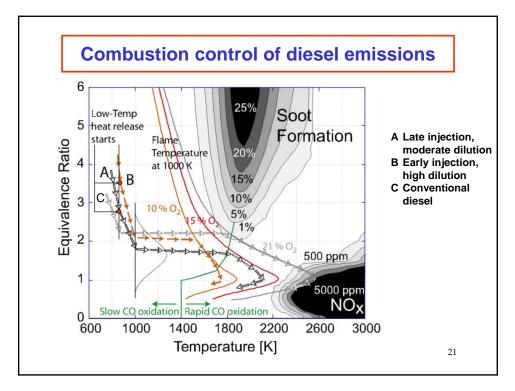
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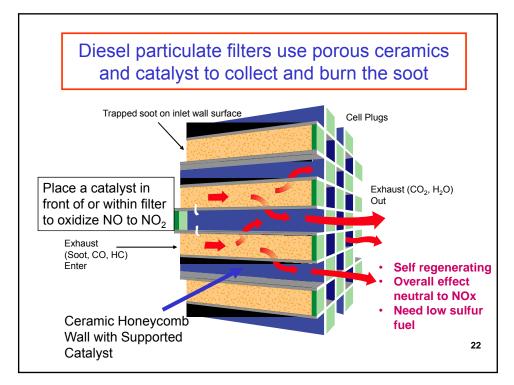
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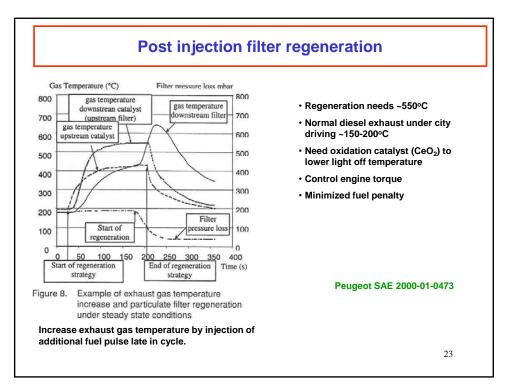
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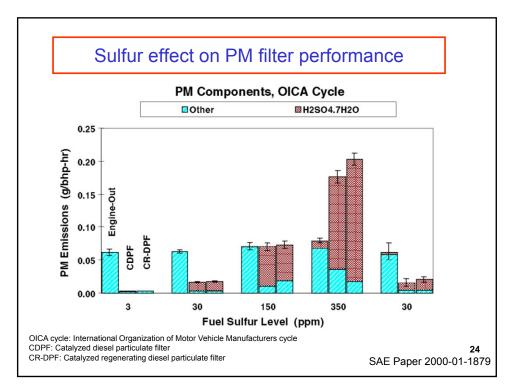
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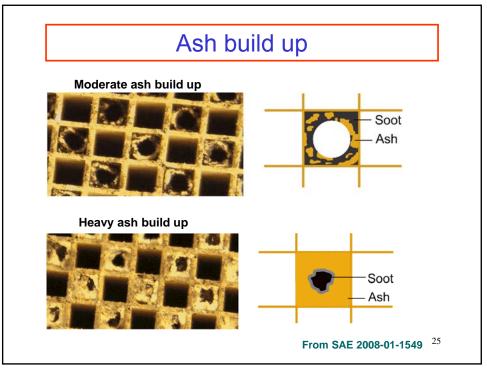
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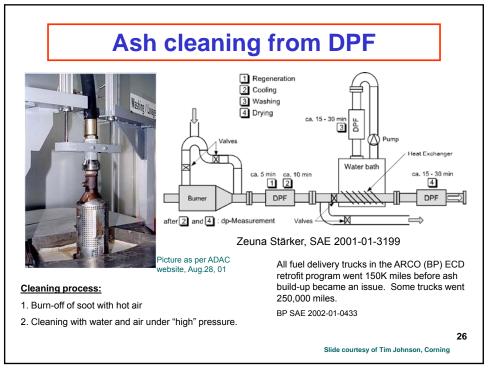
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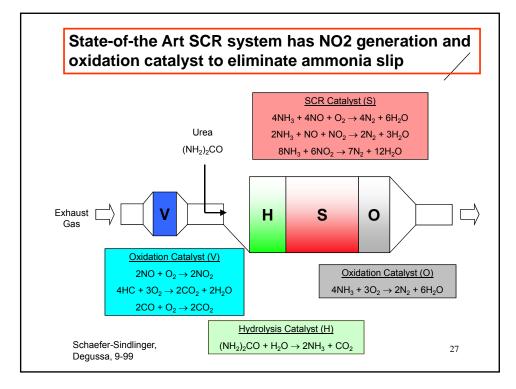
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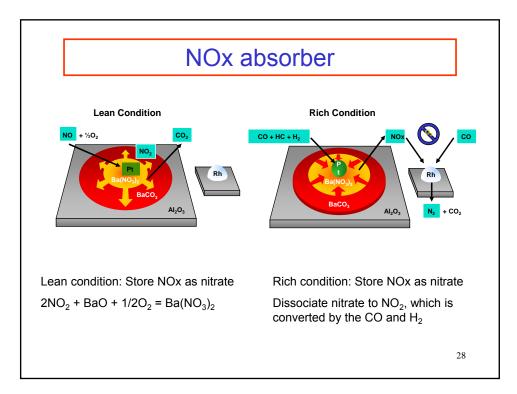
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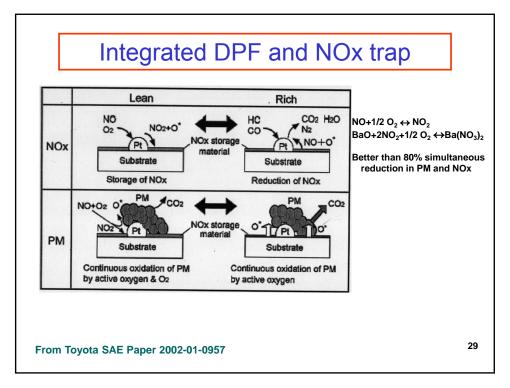
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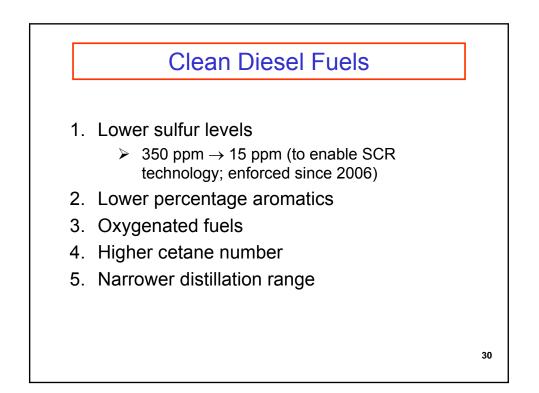
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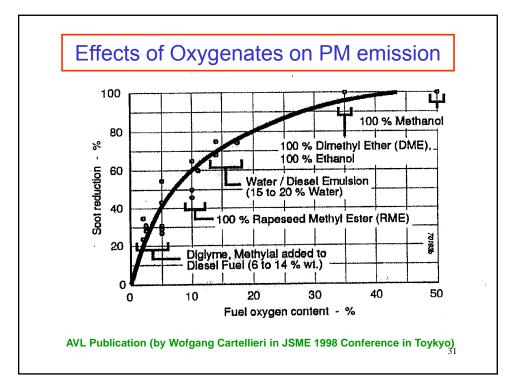


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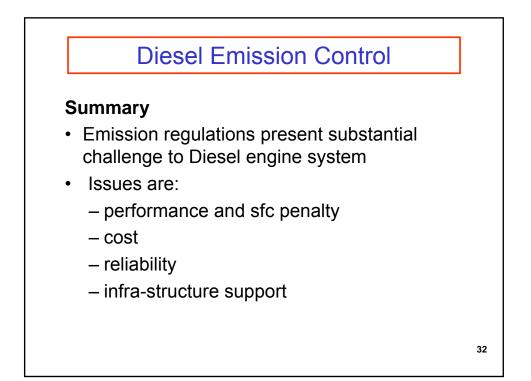


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