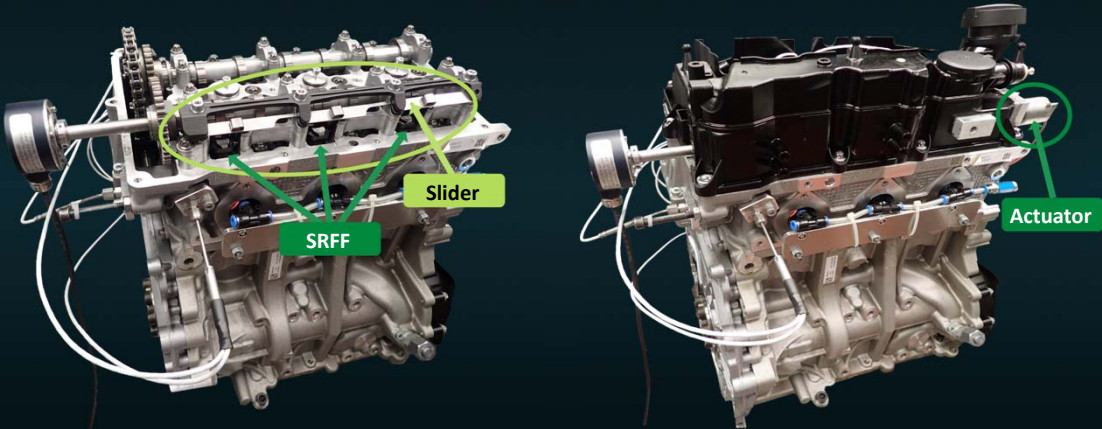


eRocker System Integration



SRFF

Slider


Actuator

Simple application – advantageous installation space

No oil circuit leads to less cylinder-head changes

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eRocker System – Single-Cylinder Module




Single-Cylinder Module

Single-Cylinder Module provides more flexibility


Enabler for Rolling Cylinder Deactivation (RCDA)

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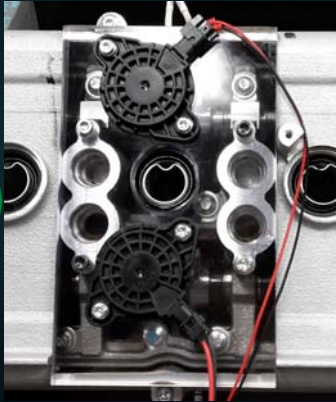
eRocker System – Single-Cylinder Module



Top view on cylinder head with actuation mechanics, no SRFF mounted

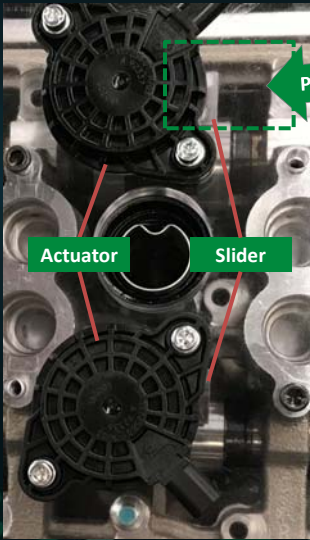


Large test actuators - SRFF mounted but hardly visible



Ready for test run

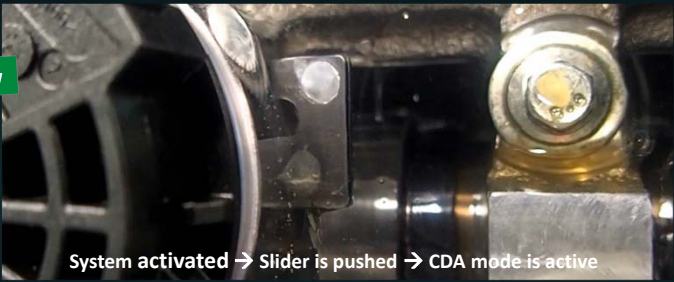
eRocker System – Single-Cylinder Module



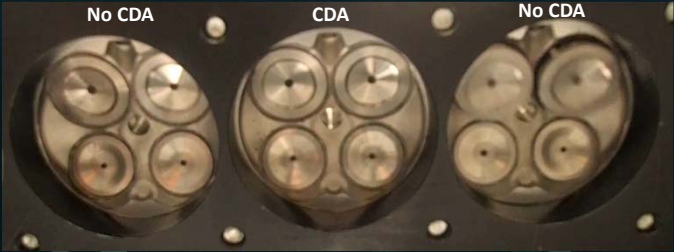
Actuator

Slider

Point of view

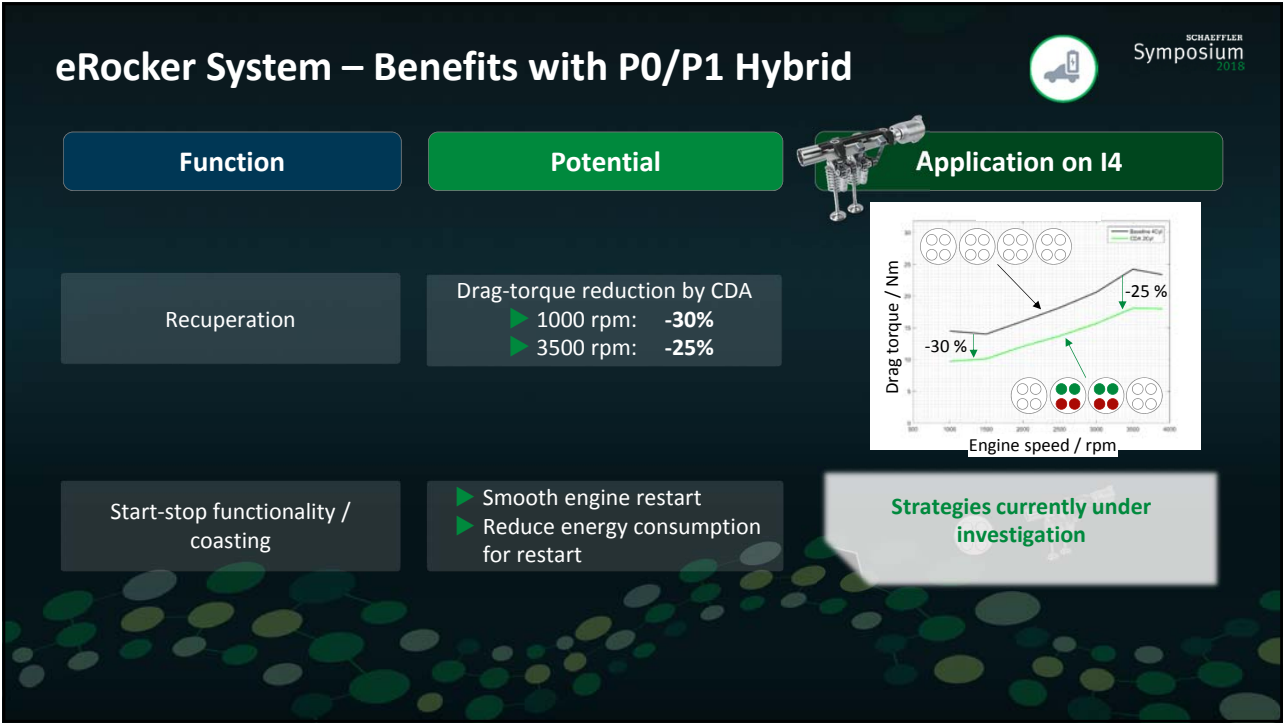


System activated → Slider is pushed → CDA mode is active




No CDA CDA No CDA


Single-Cylinder Module provides the same functionality as the full eRocker System





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Next Generation System Summary

1 Improved Performance


2 Modularity / Flexibility

3 Synergies with Hybrids

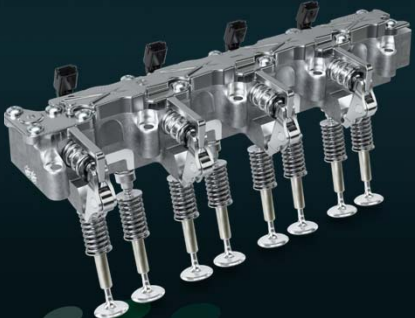
4 Cost / Benefit

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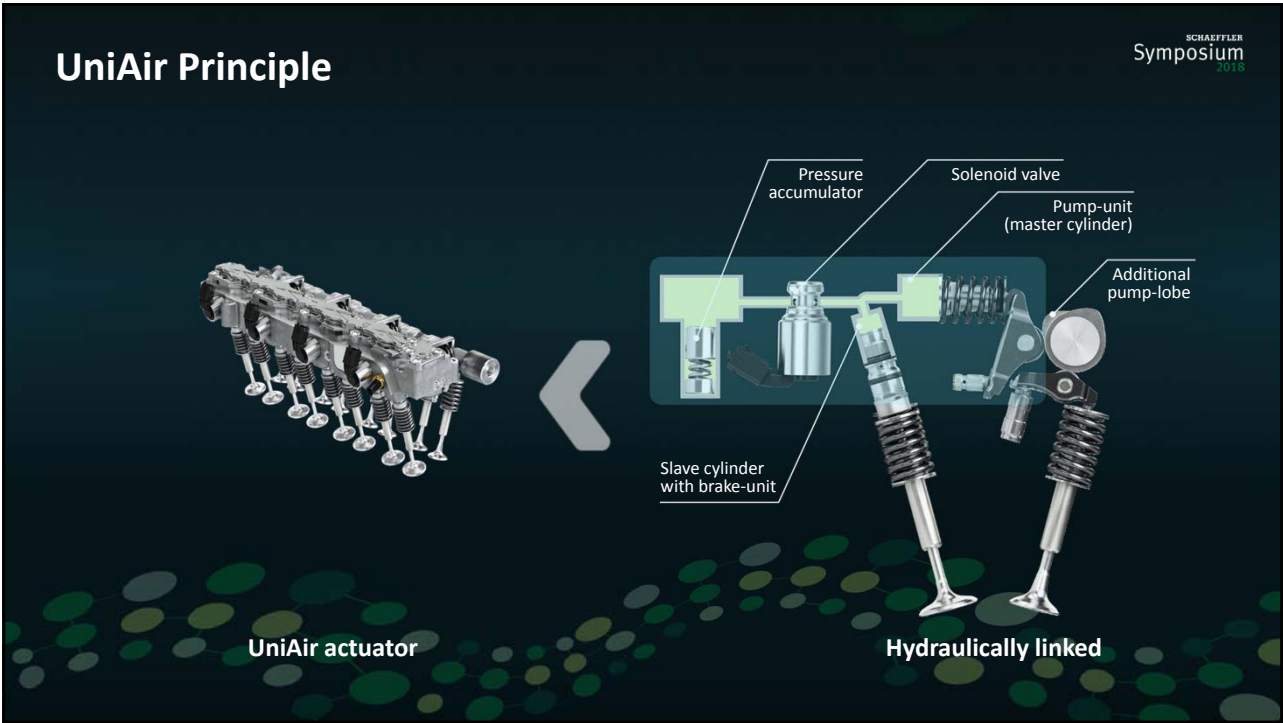
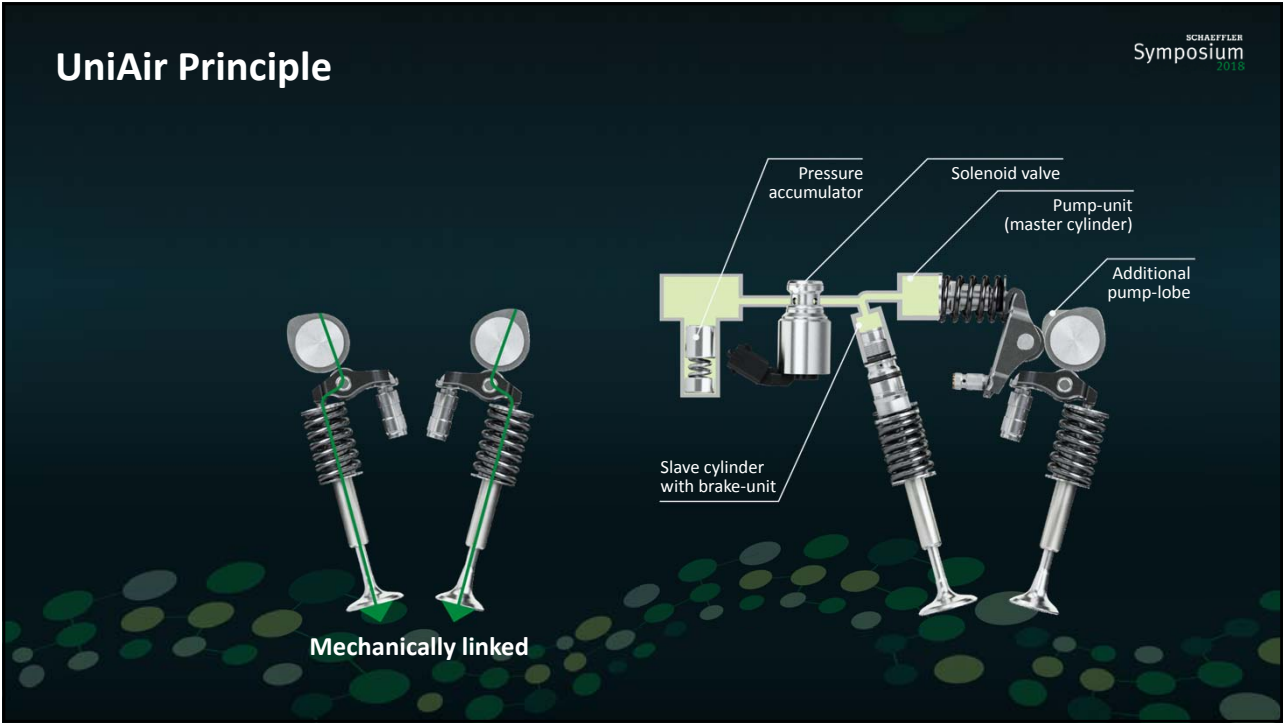
eRocker System

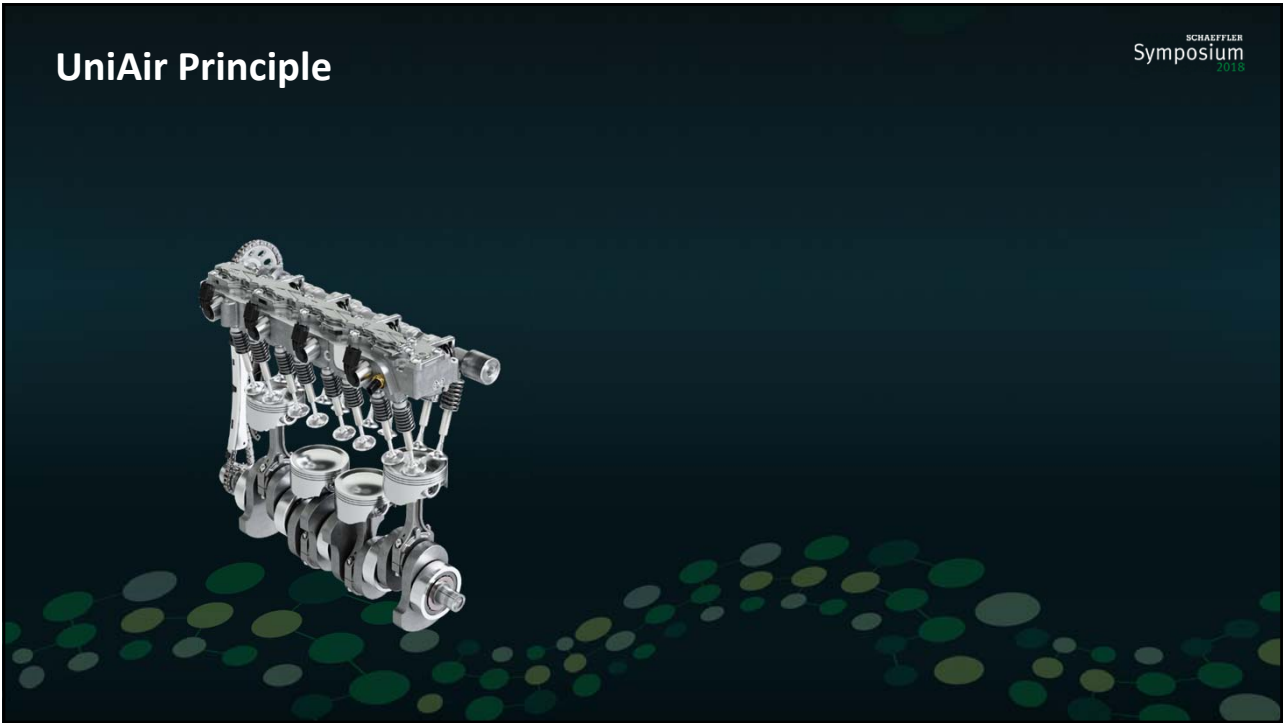
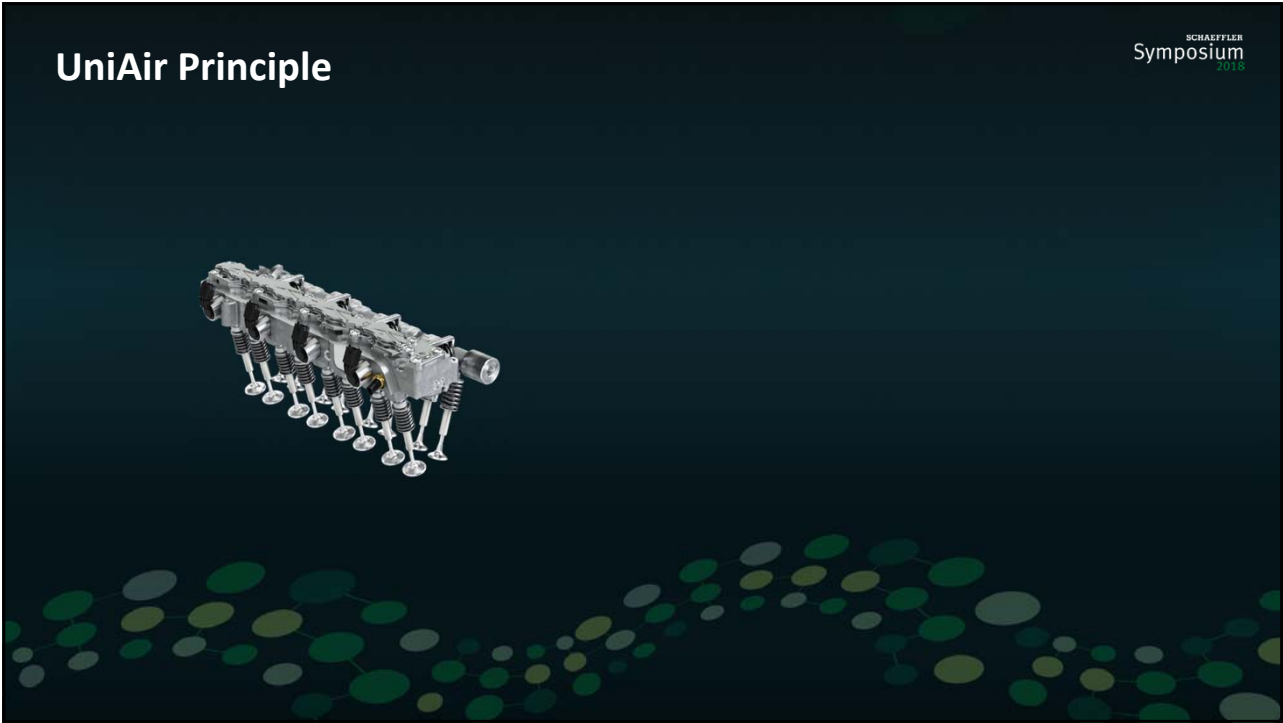


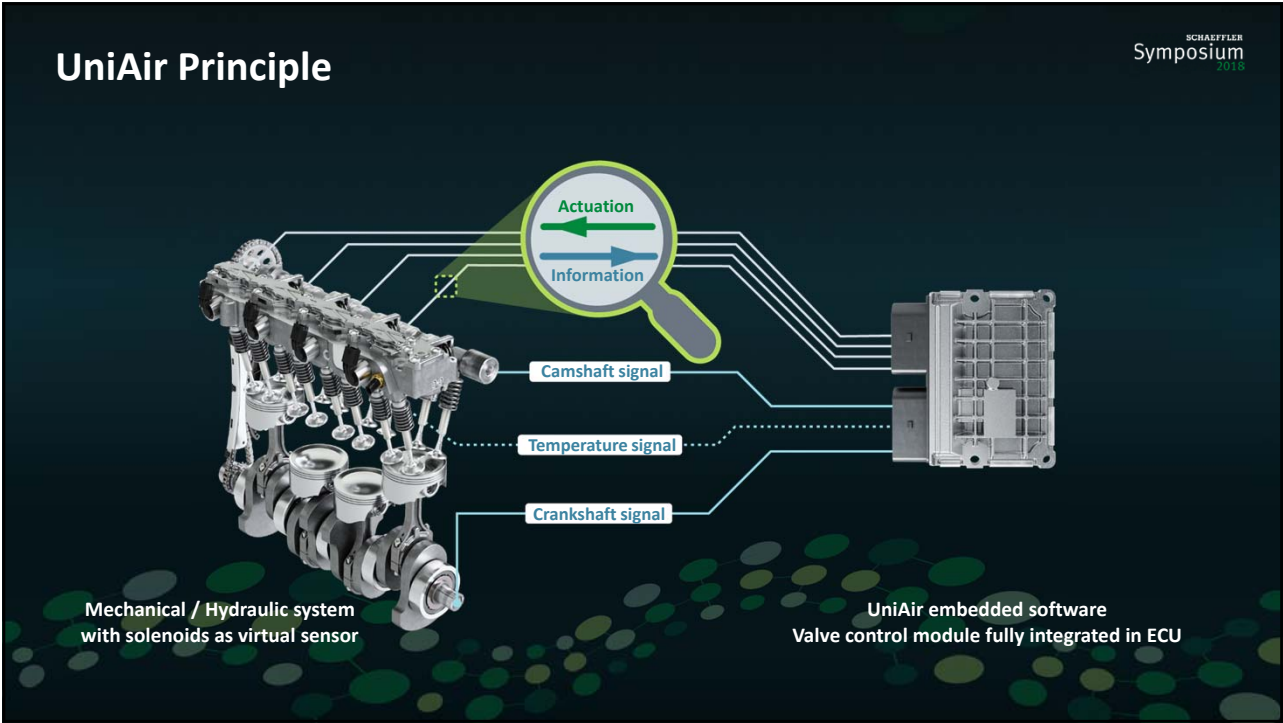
UniAir System

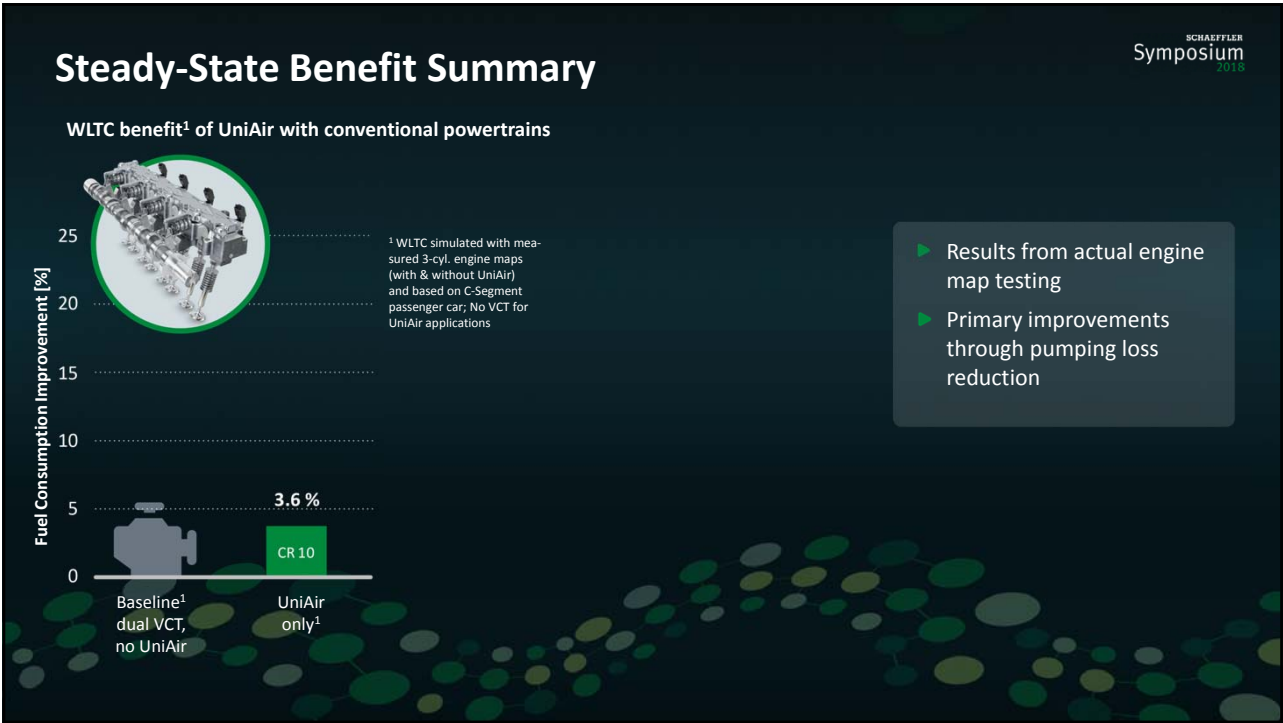
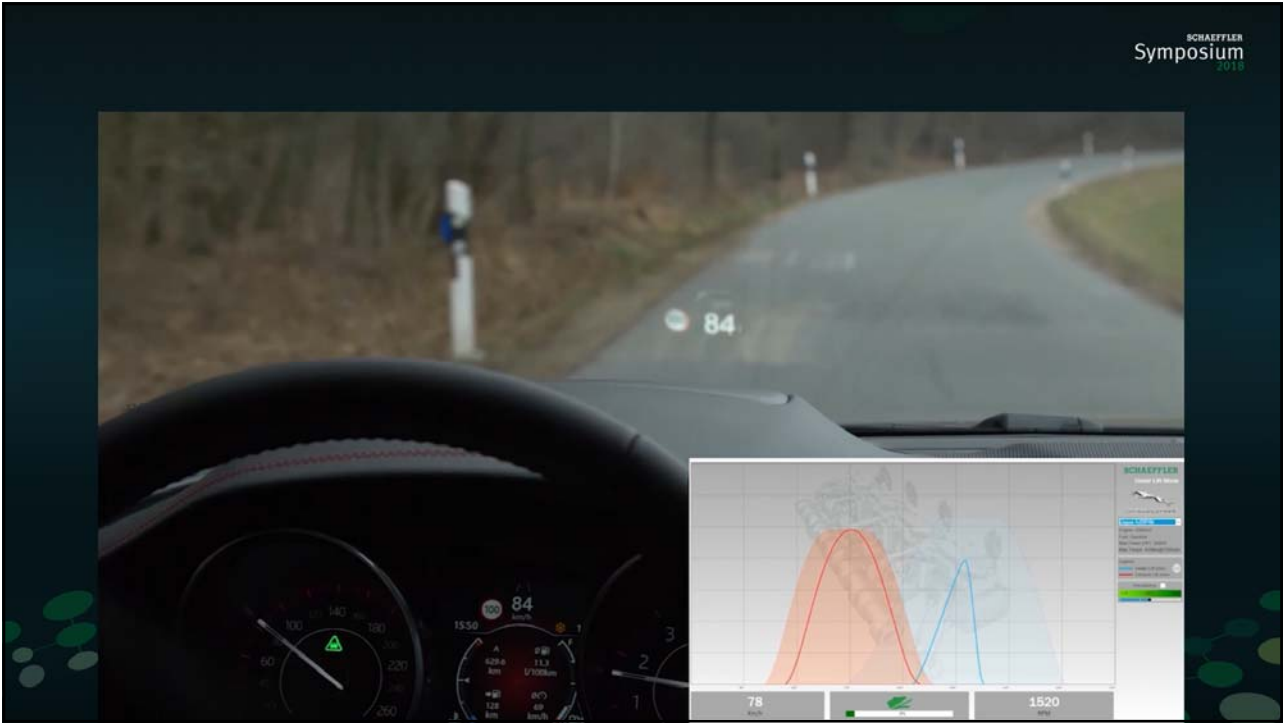


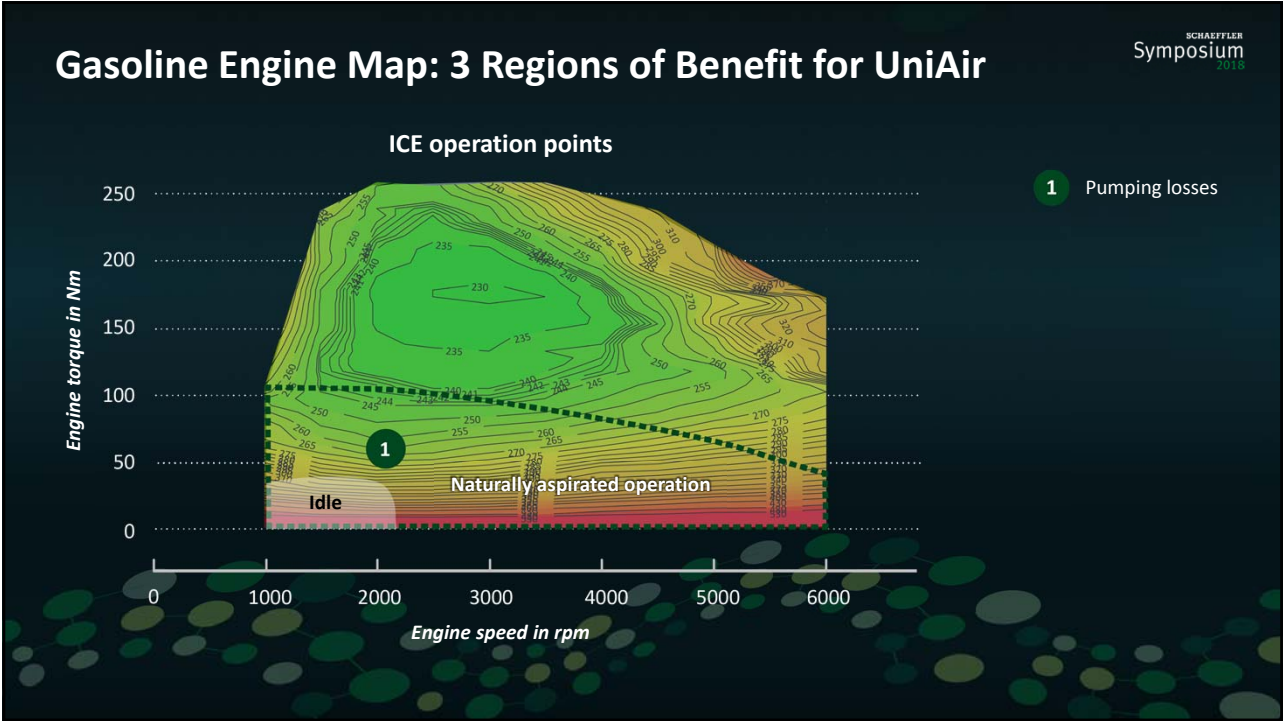
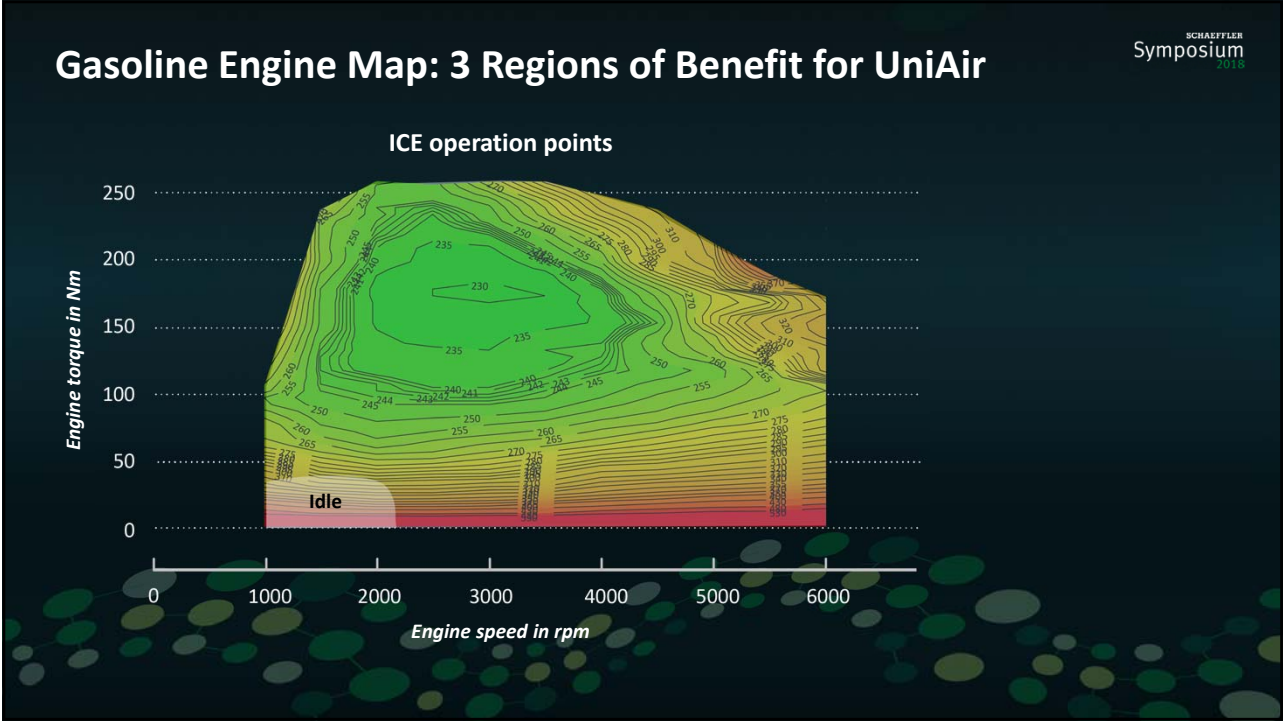
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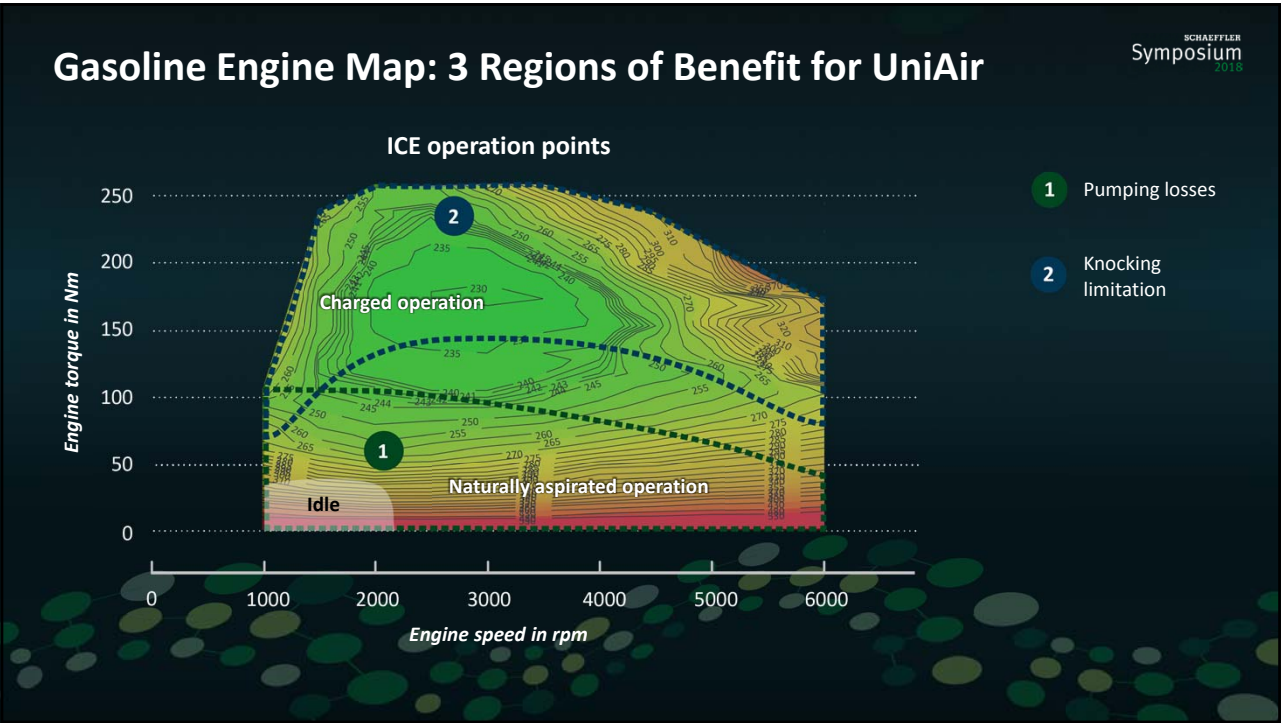
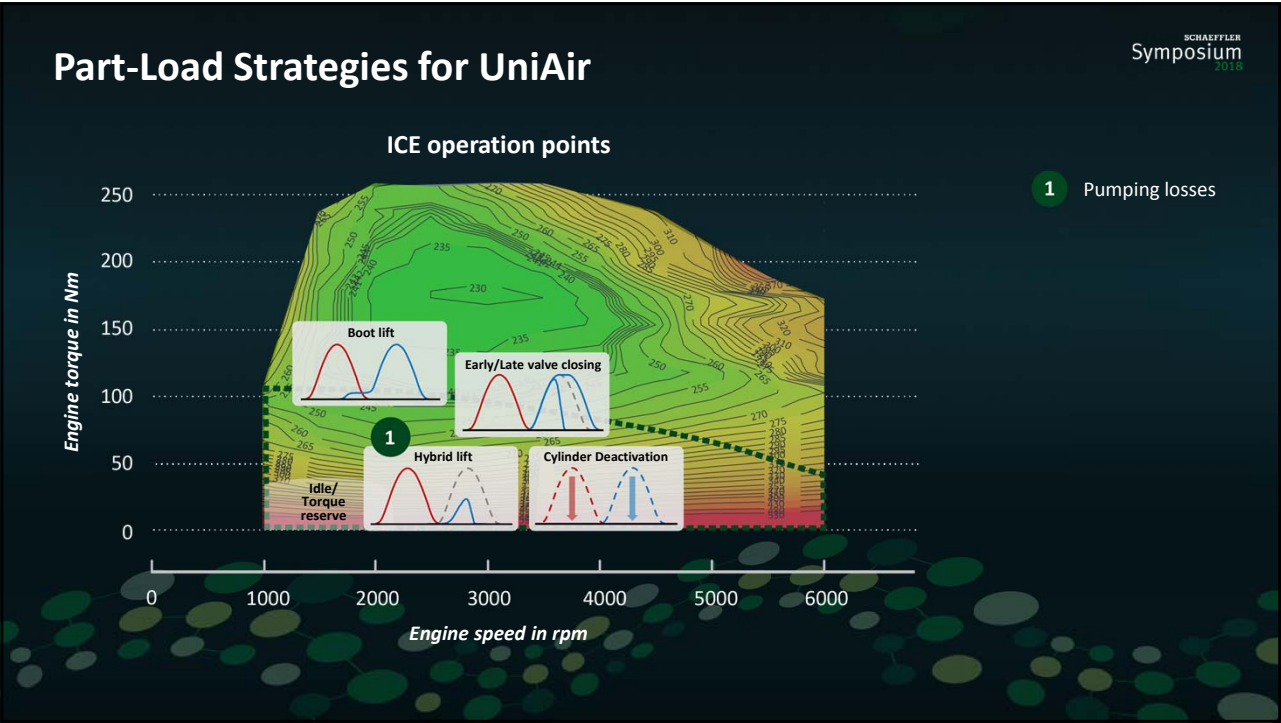


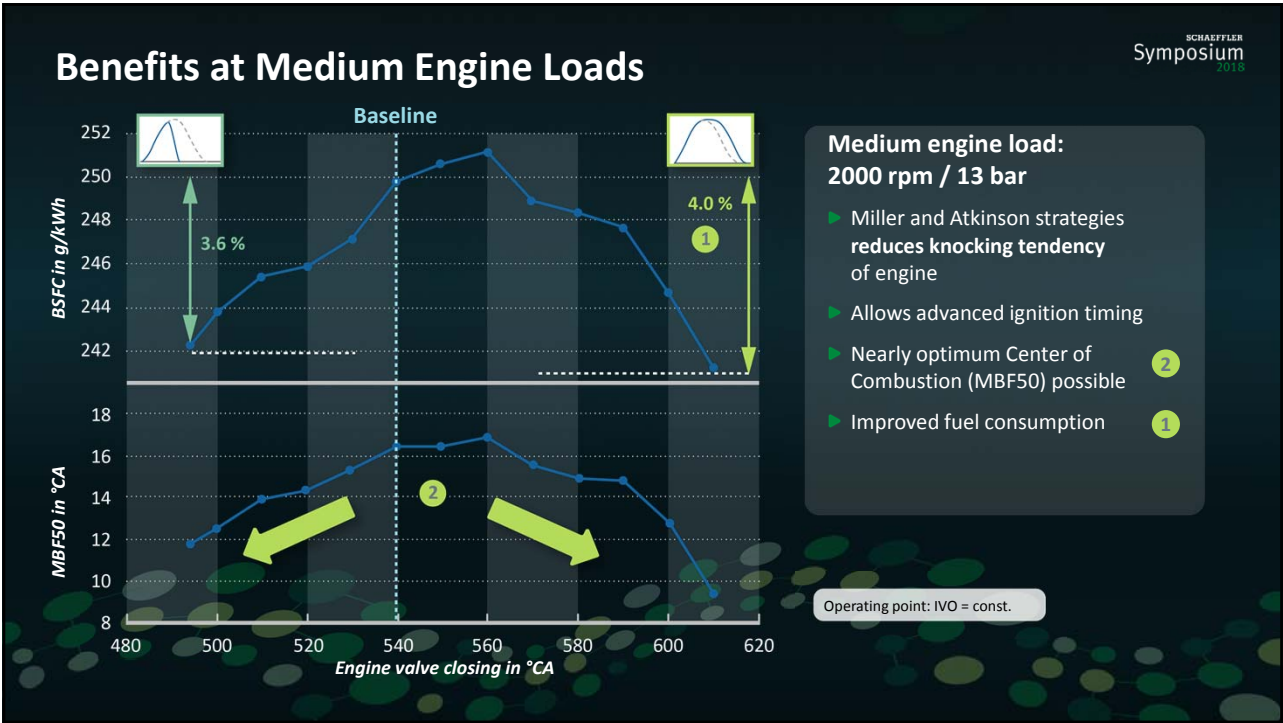
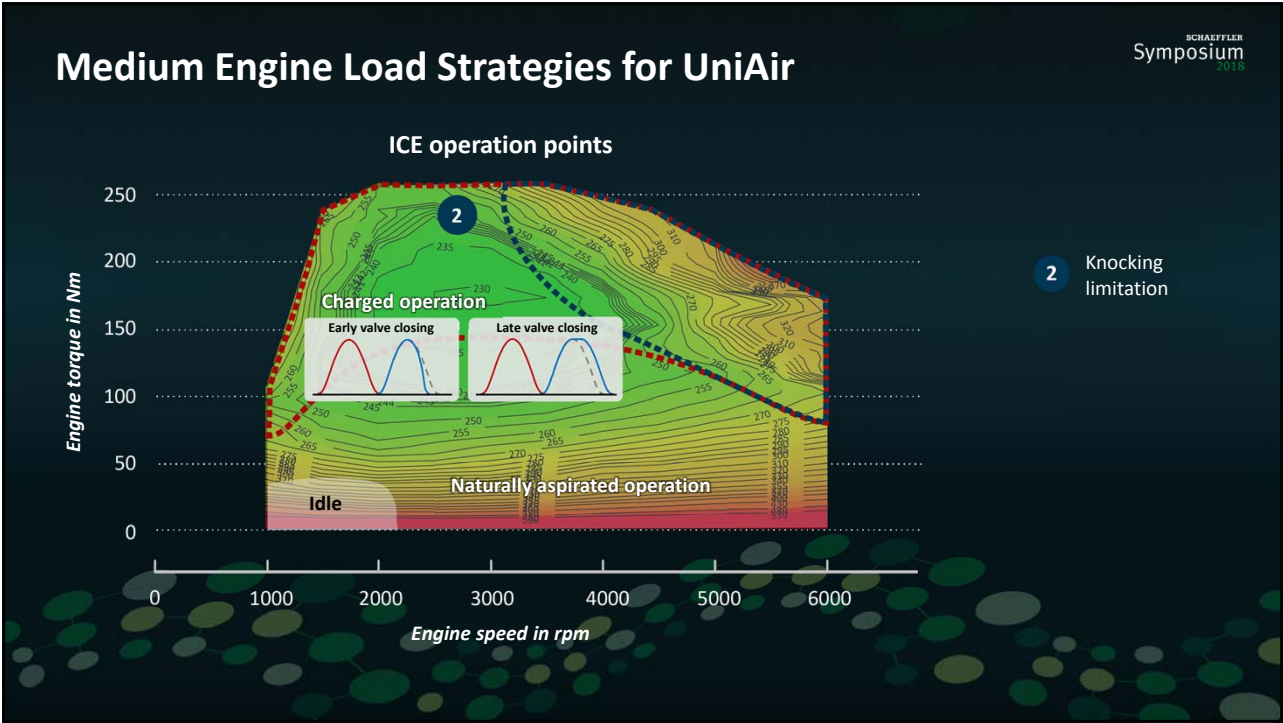


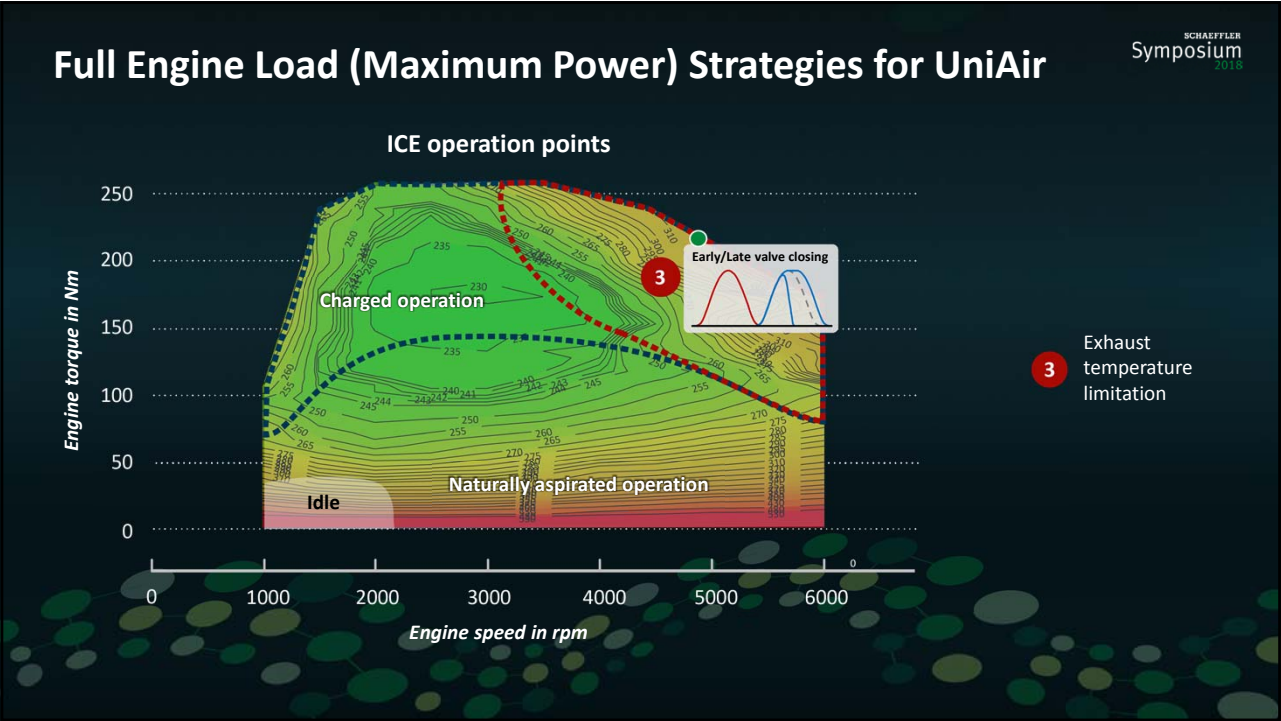
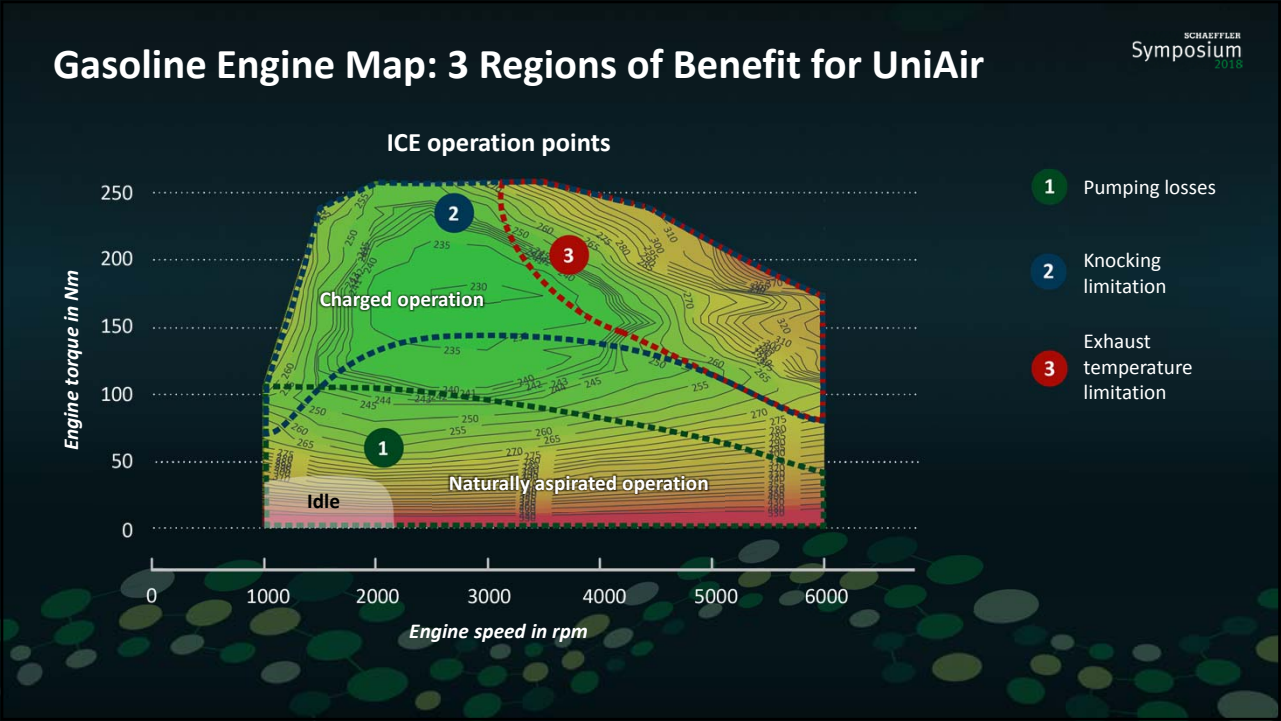


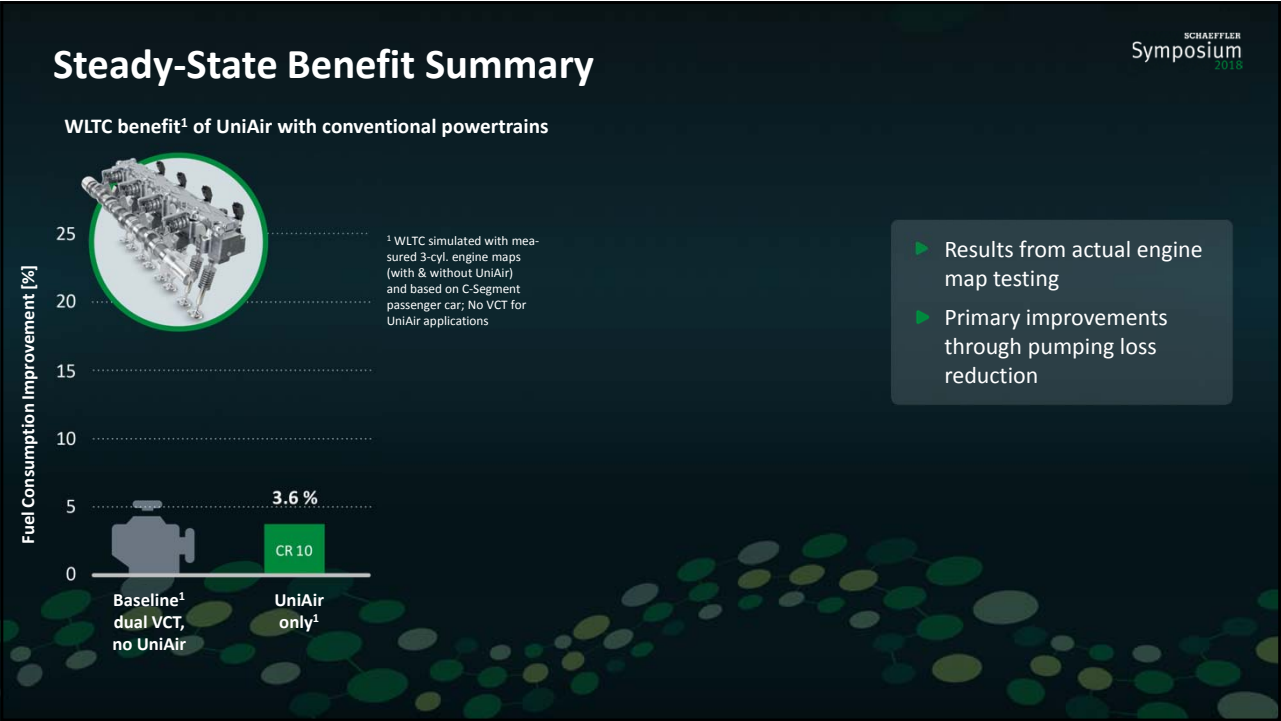
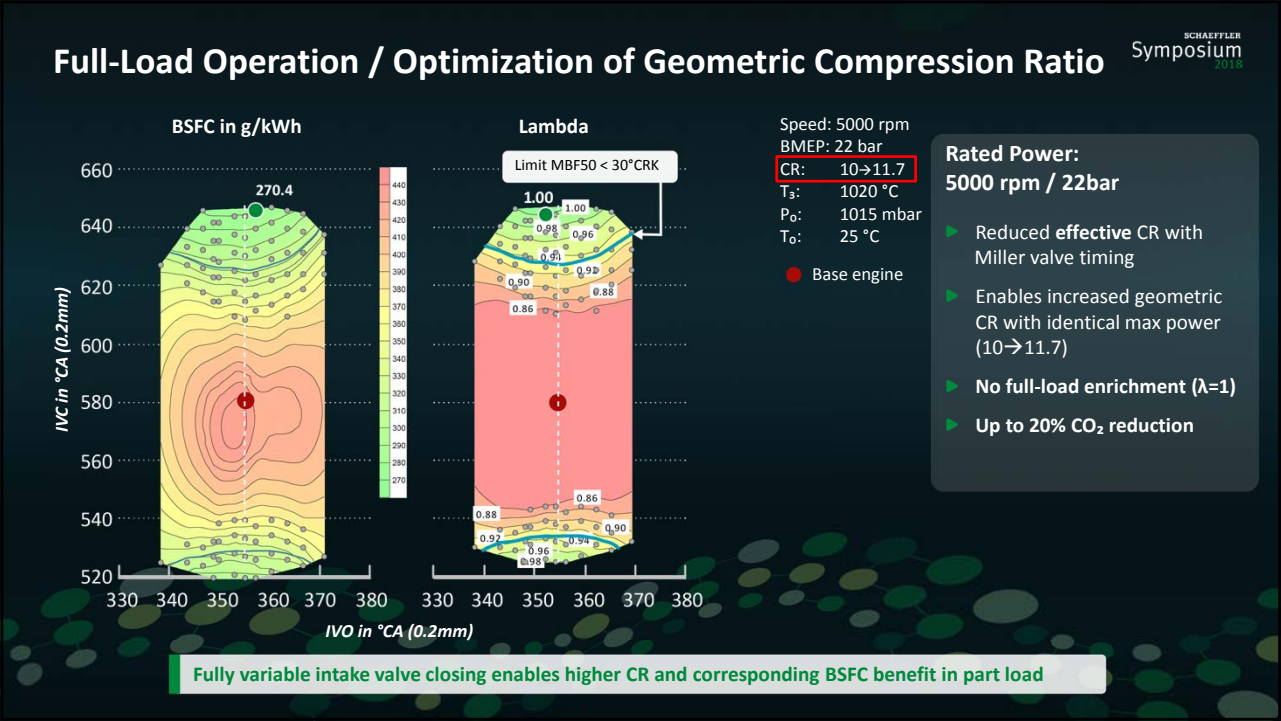


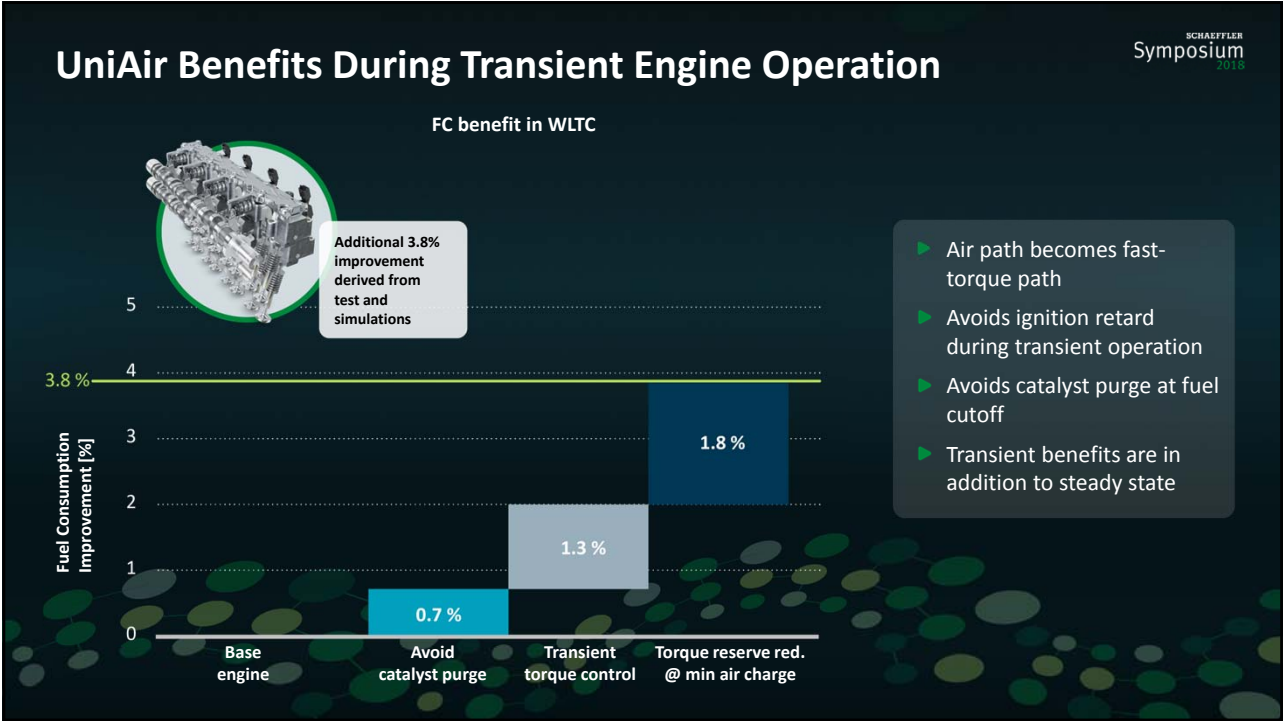
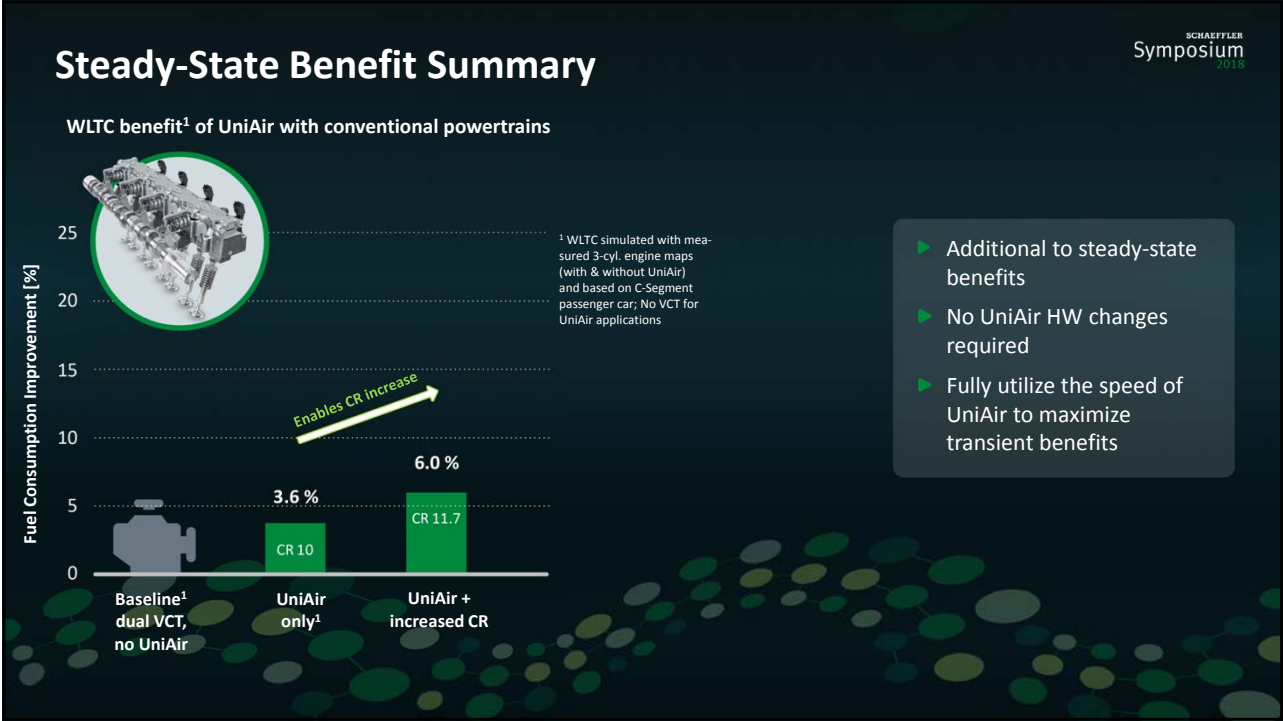


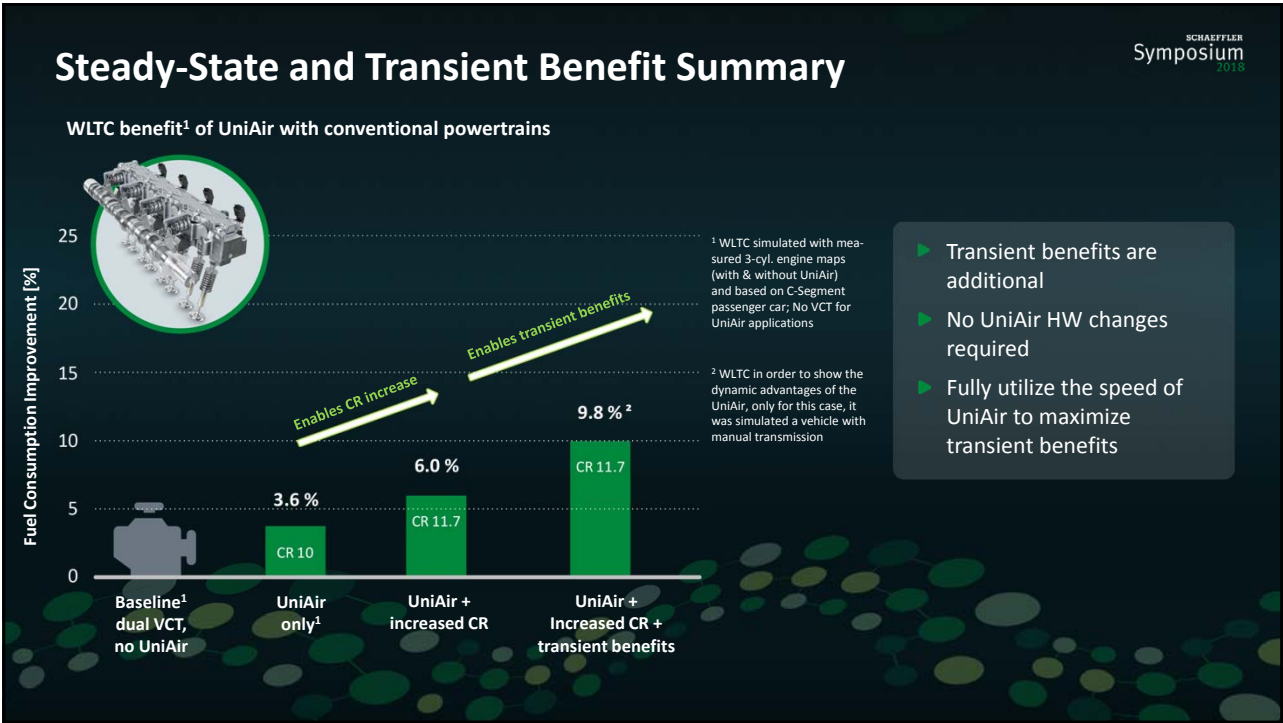
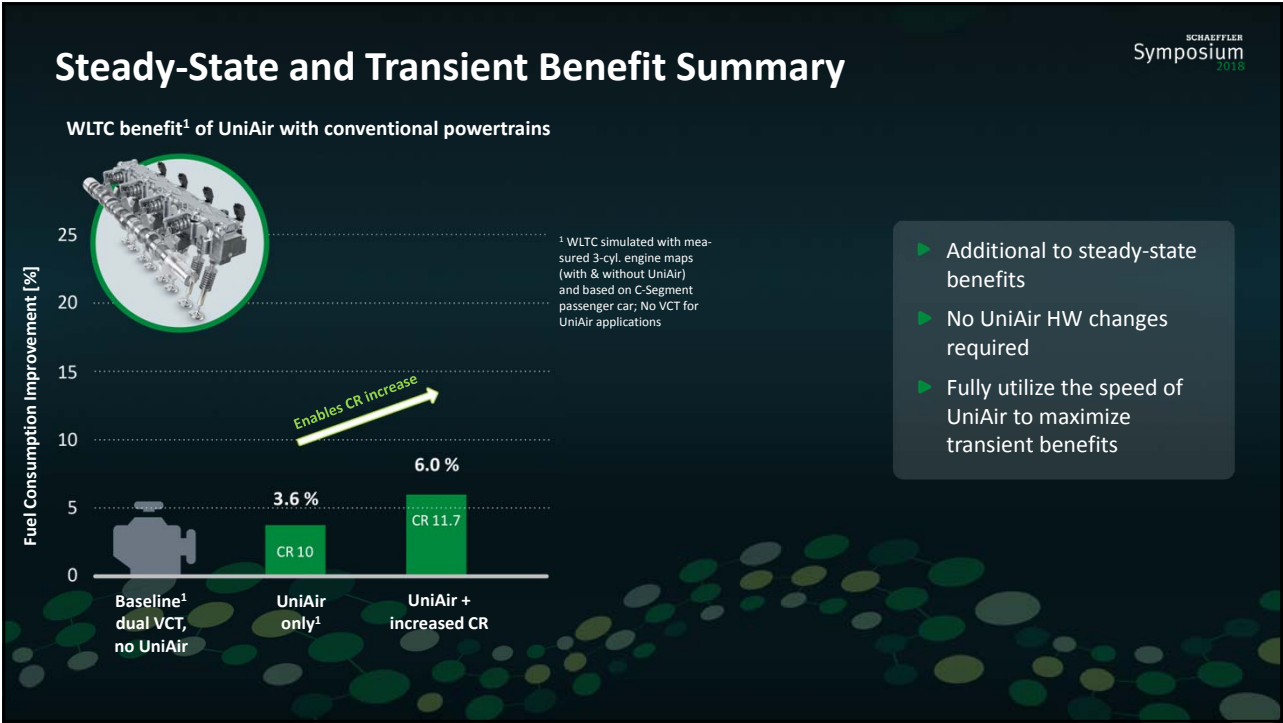


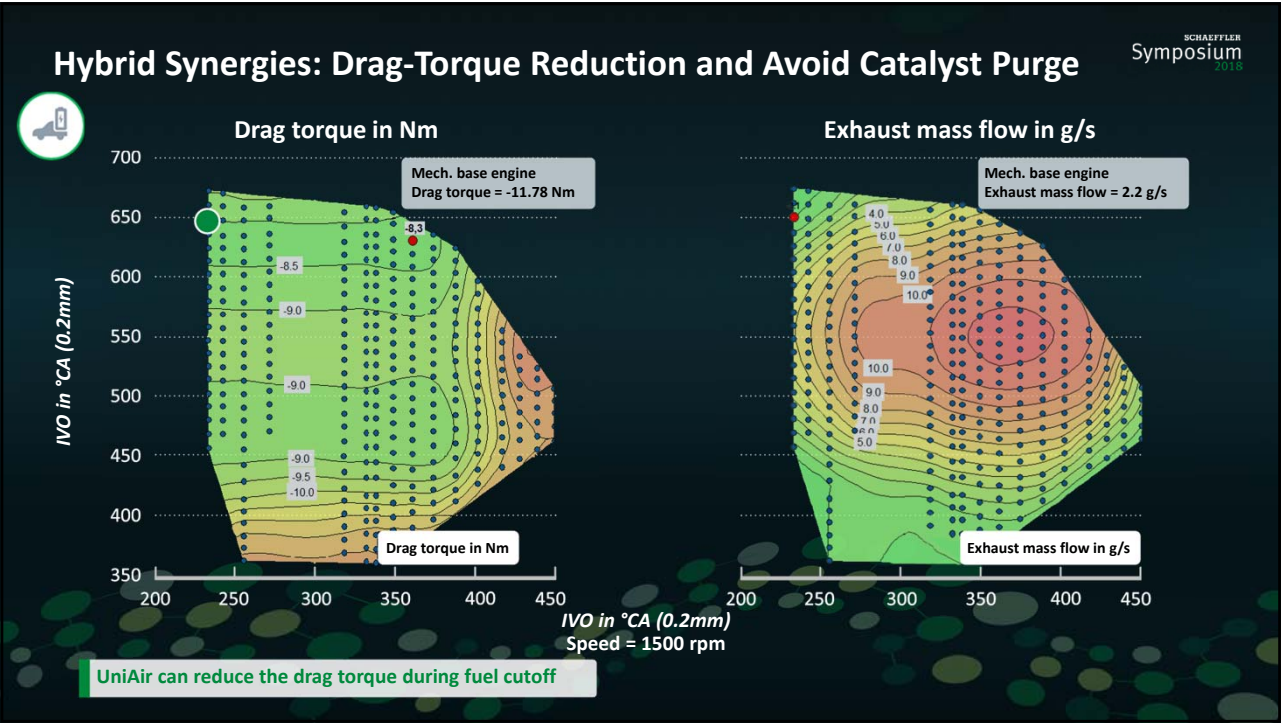


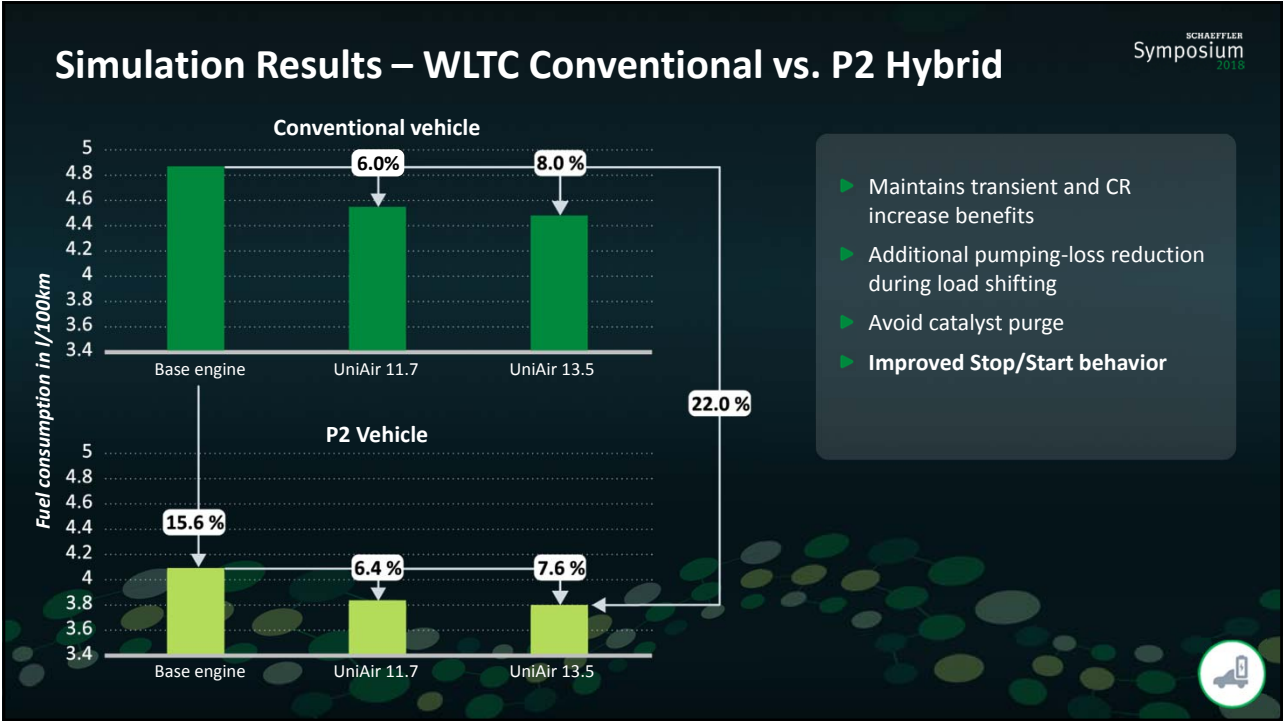
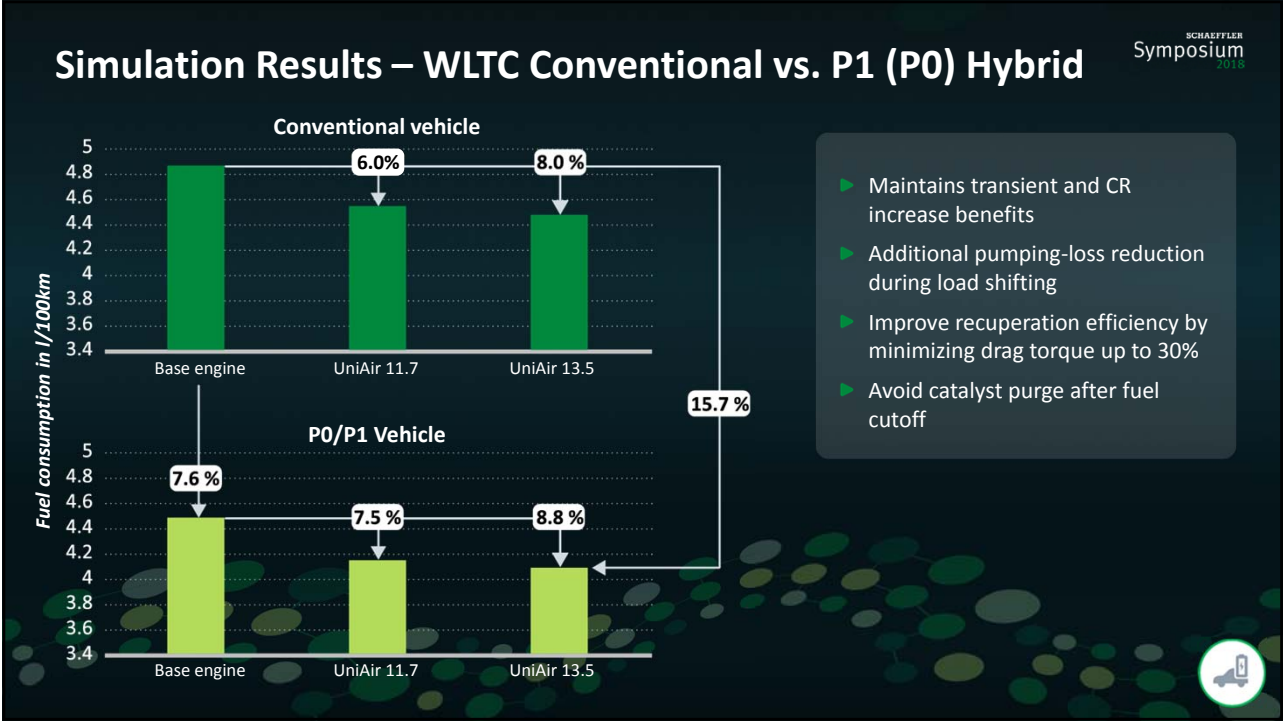


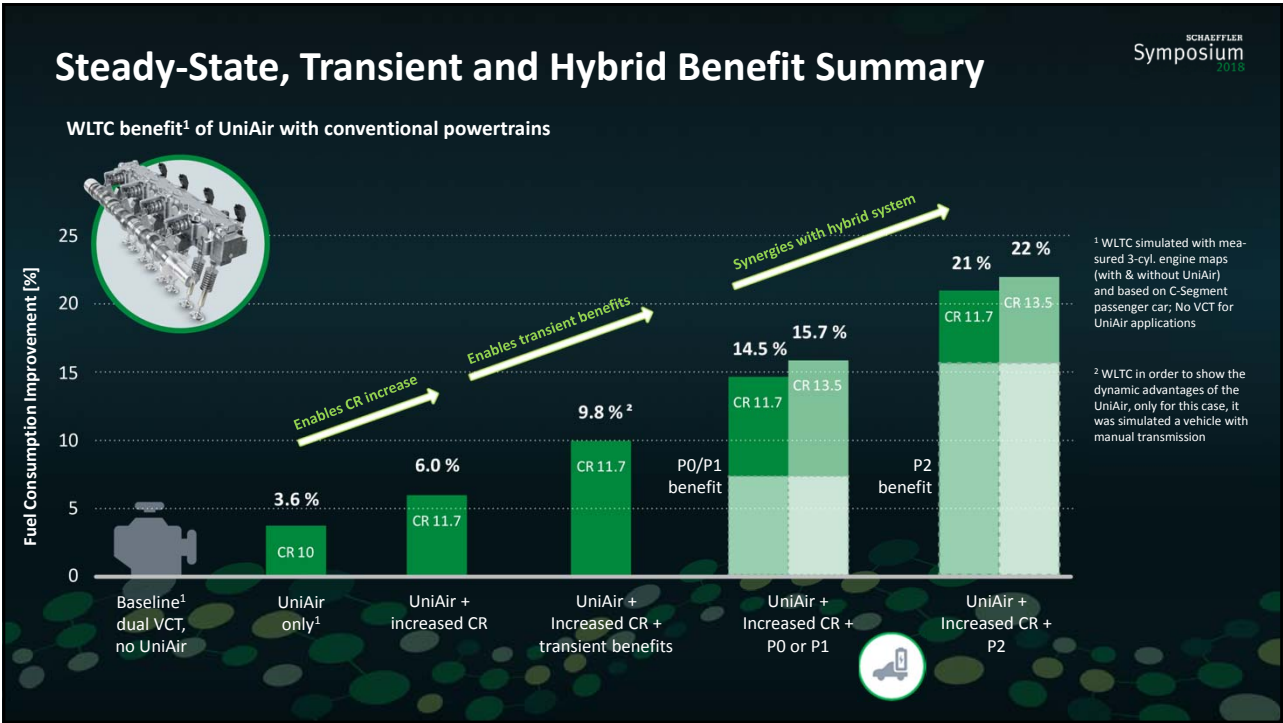
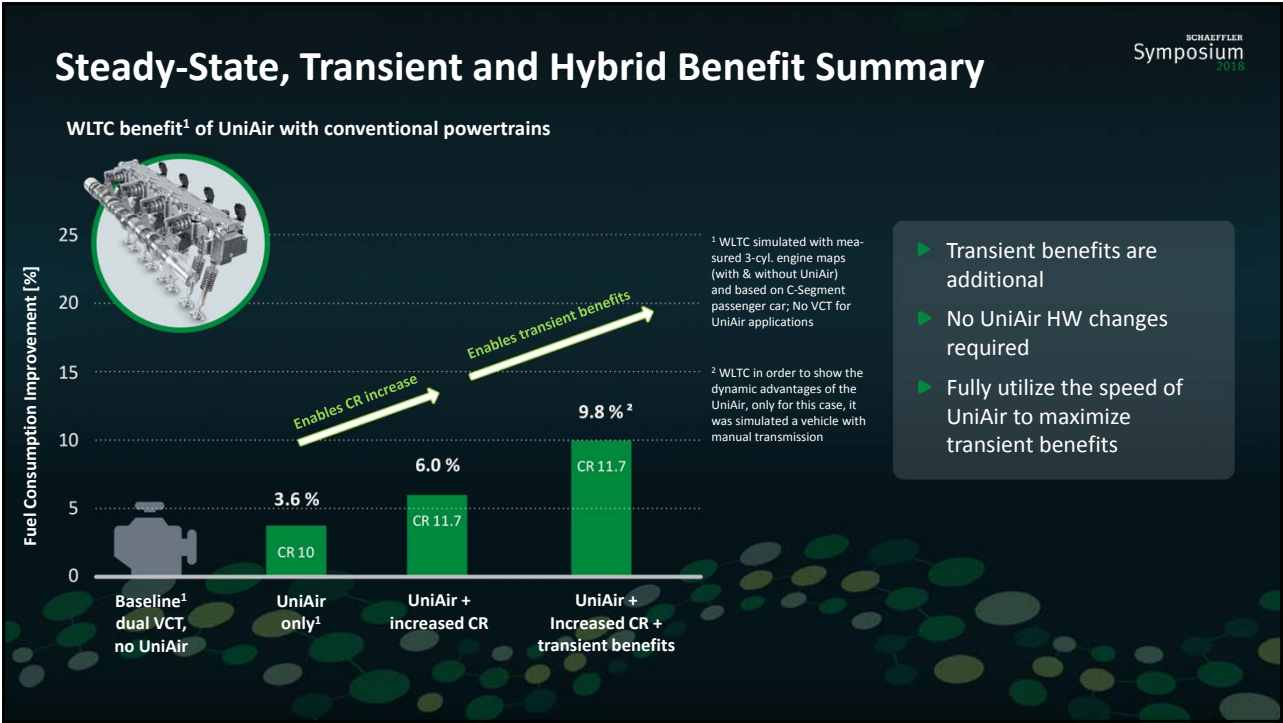













Next Generation System Summary


1

Improved Performance




2

Modularity / Flexibility




3

Synergies with Hybrids




4

Cost / Benefit



The Next Generation of Valve Train Is Here!

Schaeffler will continue to innovate to develop the generation after this...





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Mobility for tomorrow