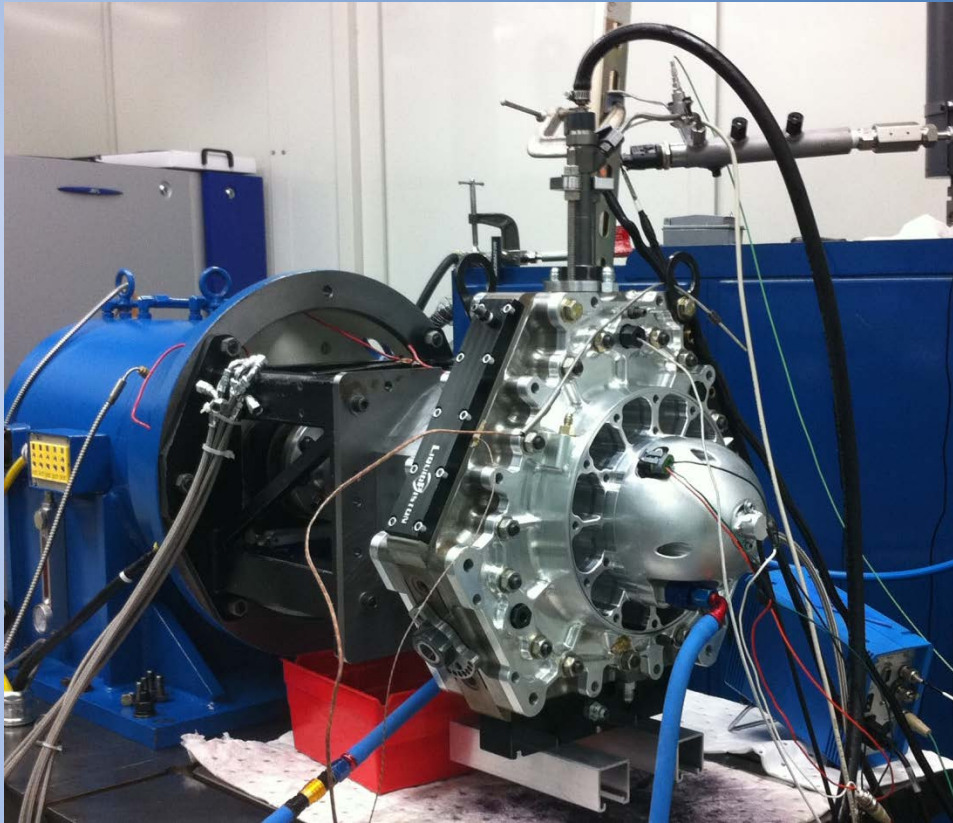


# *Development of the high efficiency X1 Rotary Diesel Engine*

Location: P-23



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(Presenter)

**Nikolay Shkolnik**  
**Steve Nabours**  
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**Kukwon Cho**  
**Harshal Shah**  
**Chinmay Sapre**  
**Len Louthan**  
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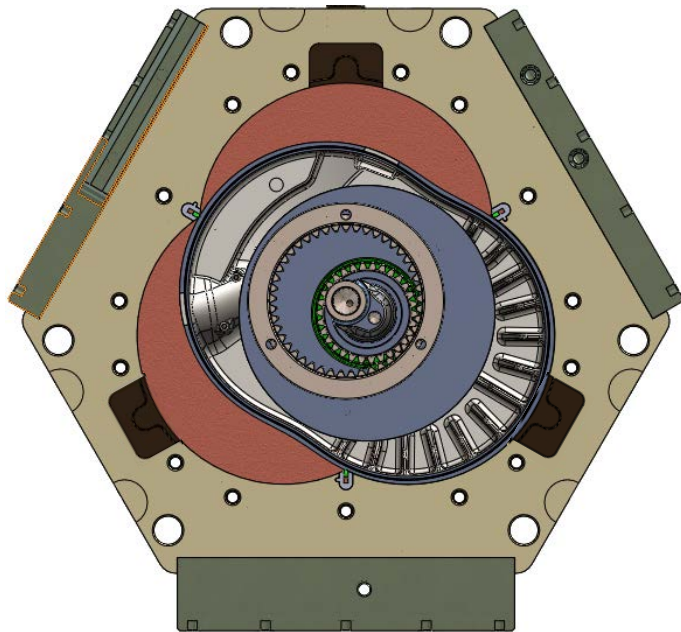
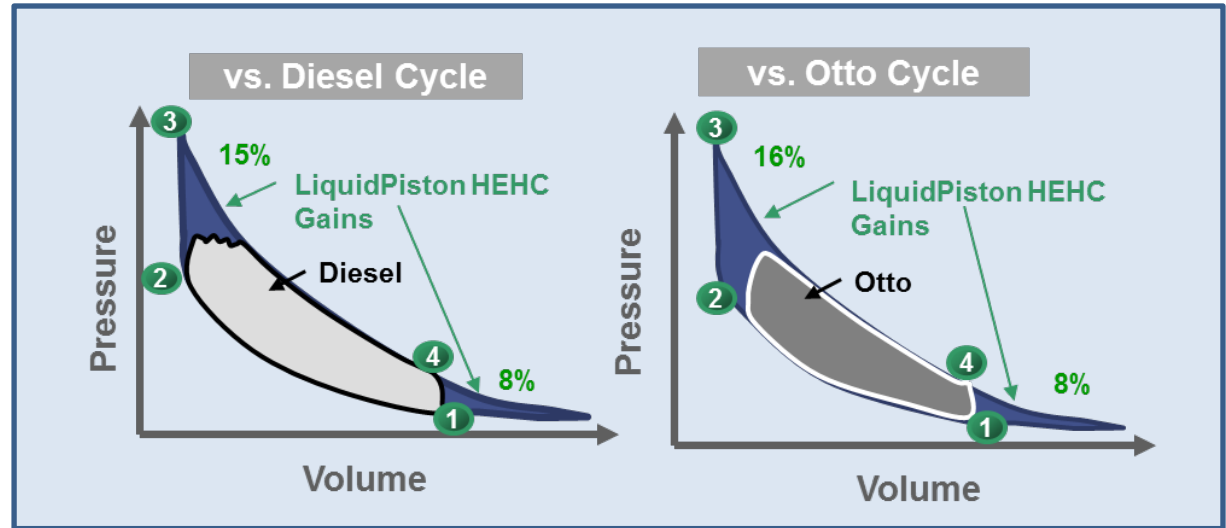


Location: P-23

Optimized  
Thermodynamics

+

New Engine  
Architecture



LPI X-series Engine:

- High Compression ratio
- Constant-volume combustion
- Over-expansion



Compact, quiet, efficient