

Engineering Software

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P.O. Box 2134

Kensington, MD 20891

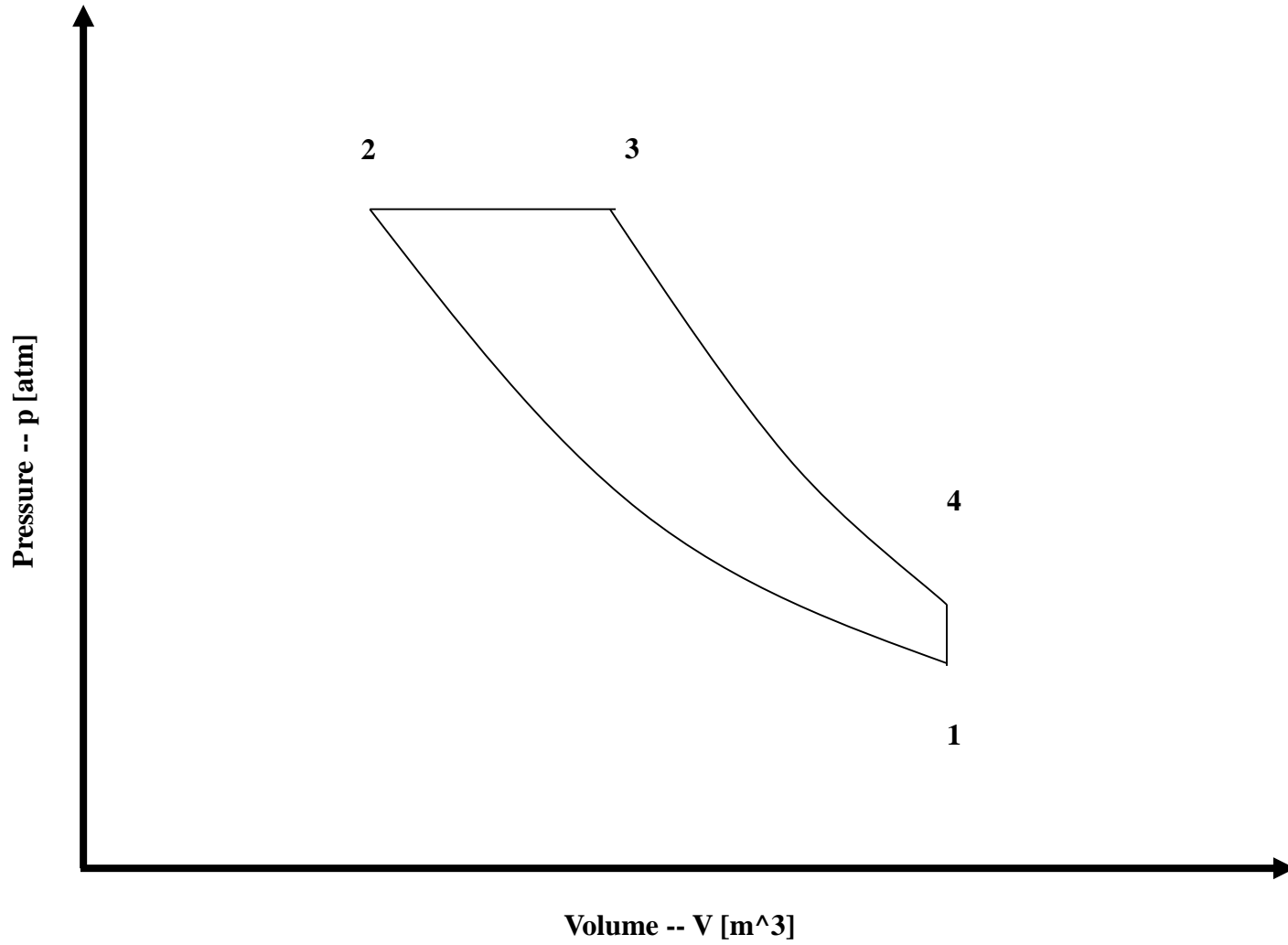
Phone: (301) 919-9670

E-Mail: info@engineering-4e.com

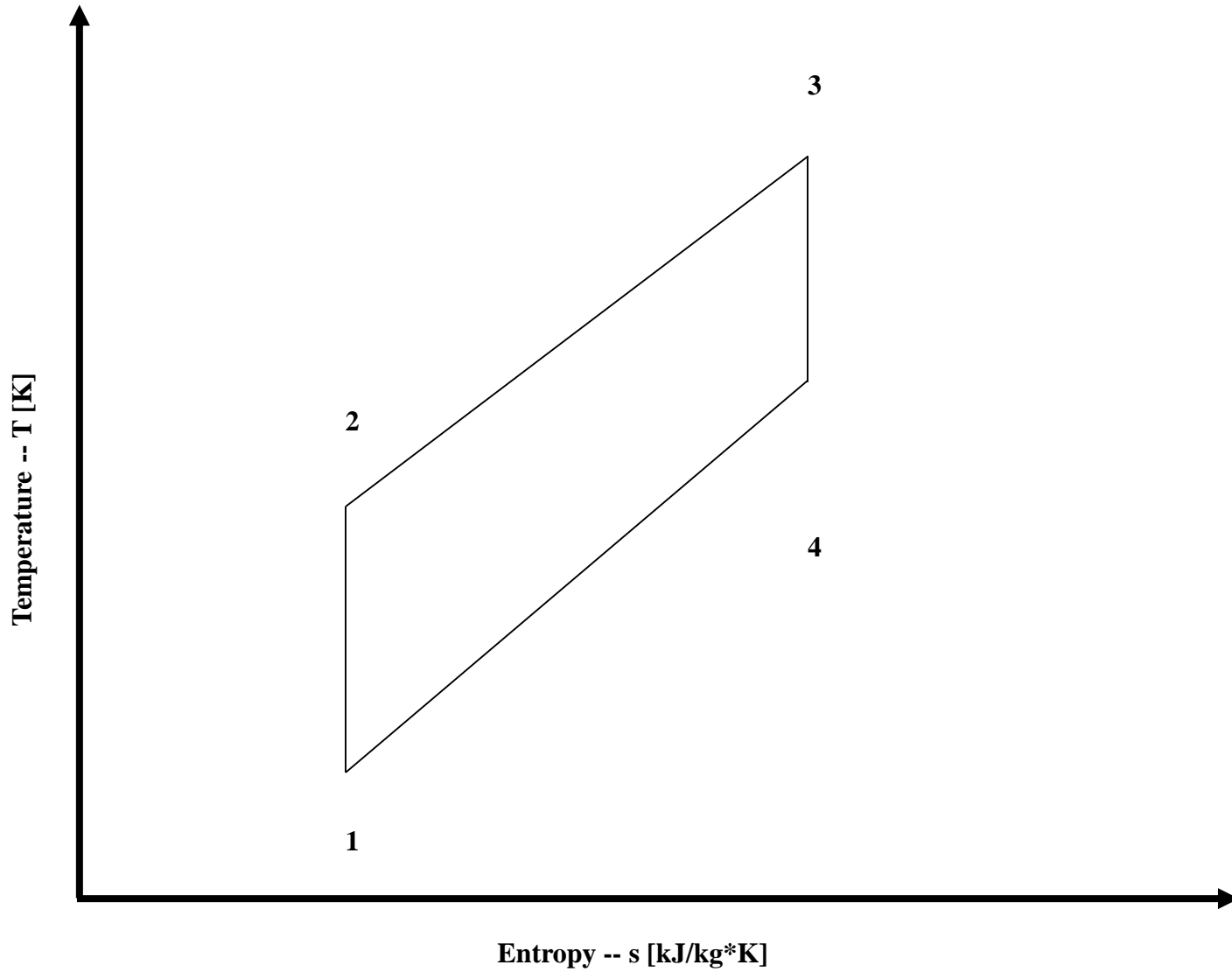
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Diesel Cycle Analysis

Here are some of the basic Diesel Cycle plots.

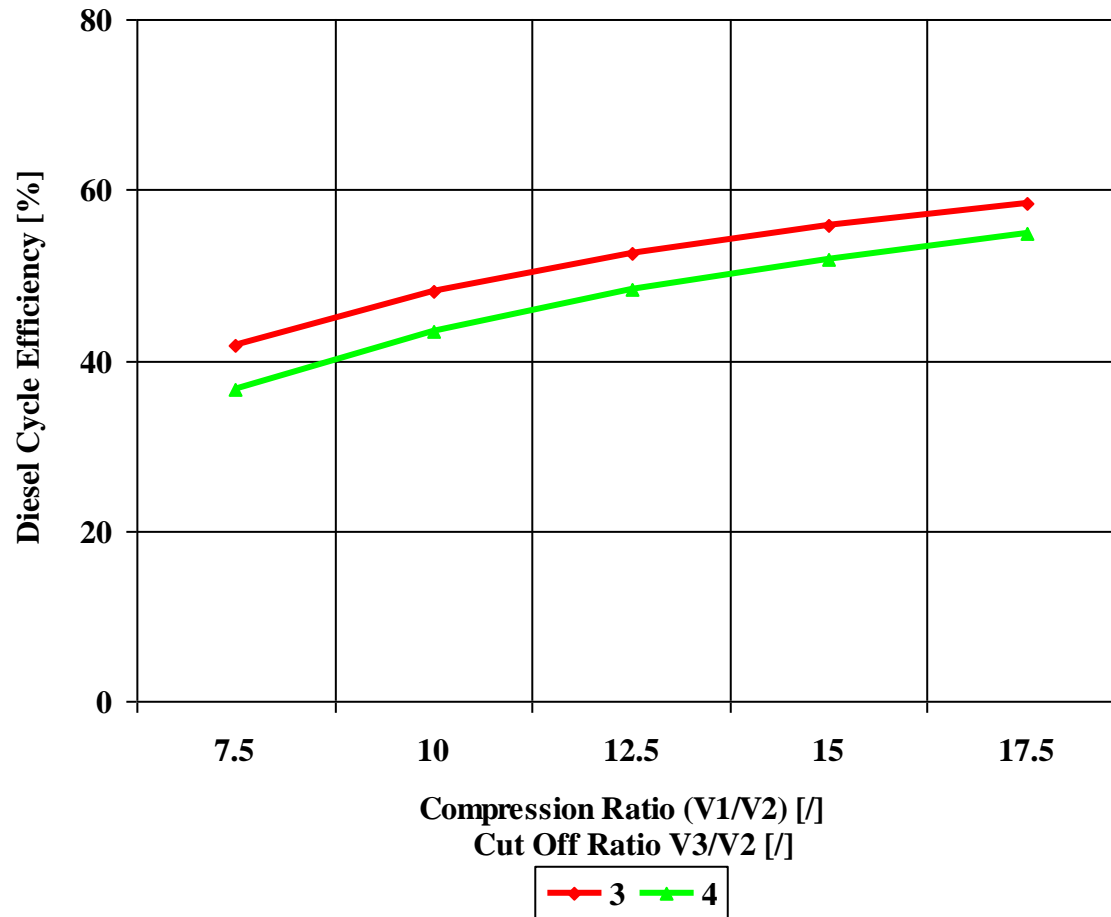


Diesel Cycle p - V Diagram



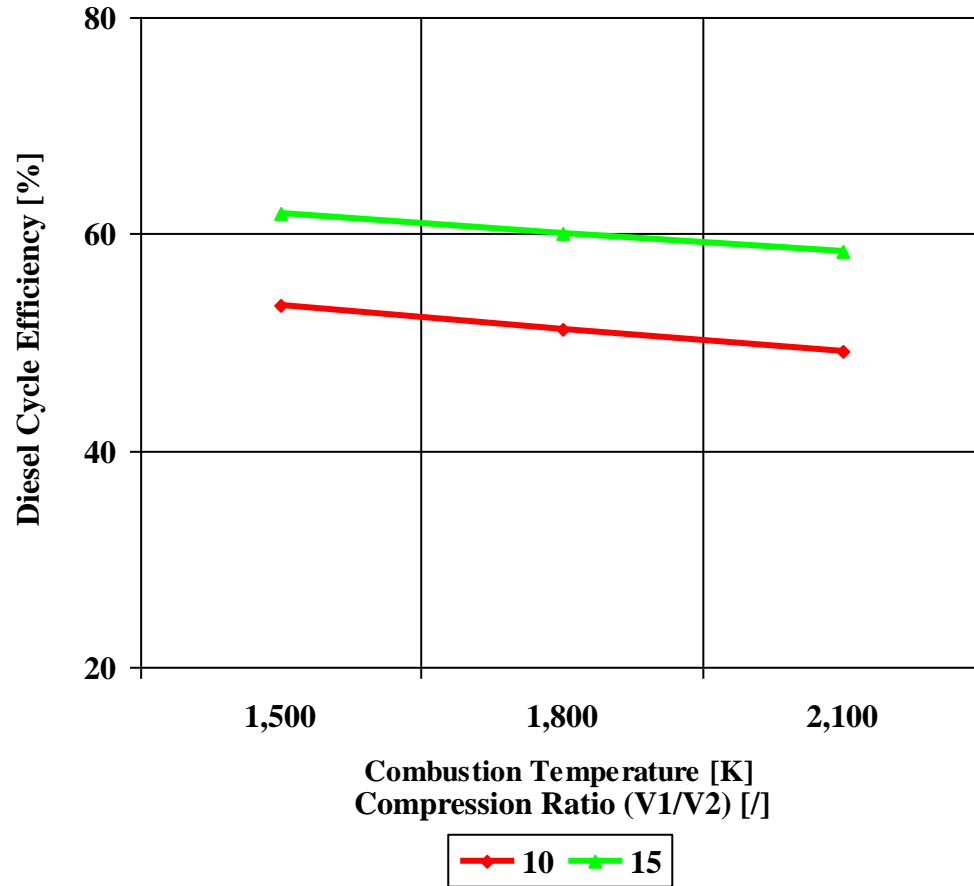
Diesel Cycle $T - s$ Diagram

Diesel Cycle Efficiency



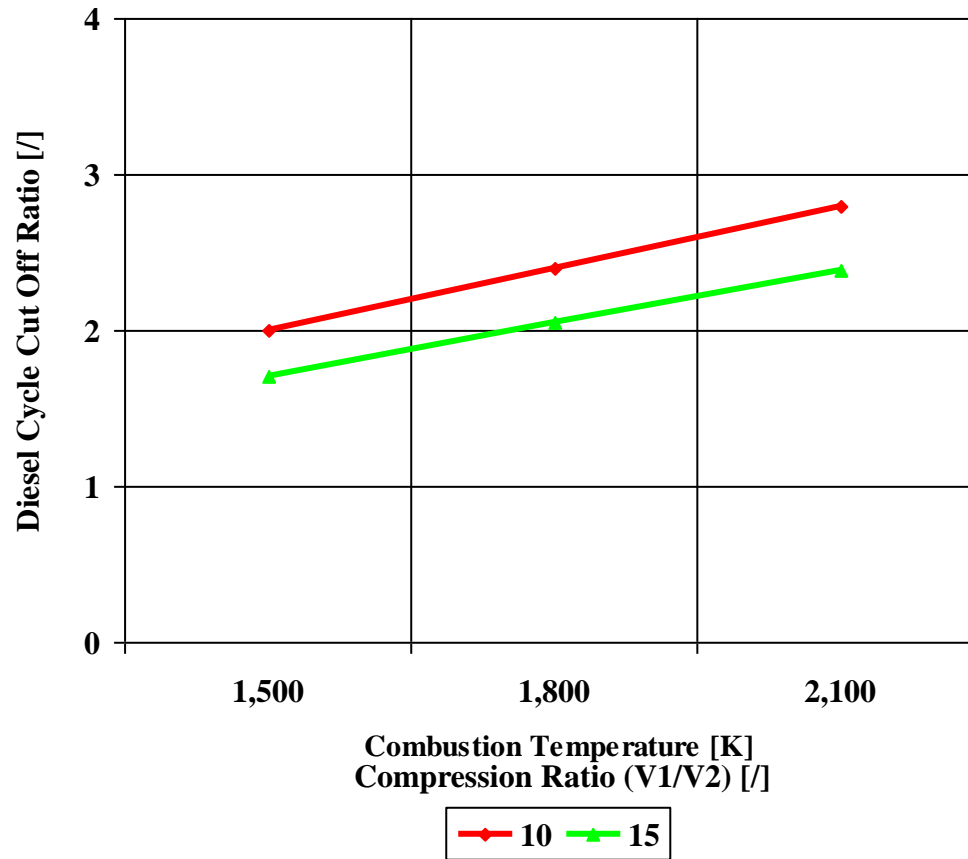
Working Fluid: Air

Diesel Cycle Efficiency

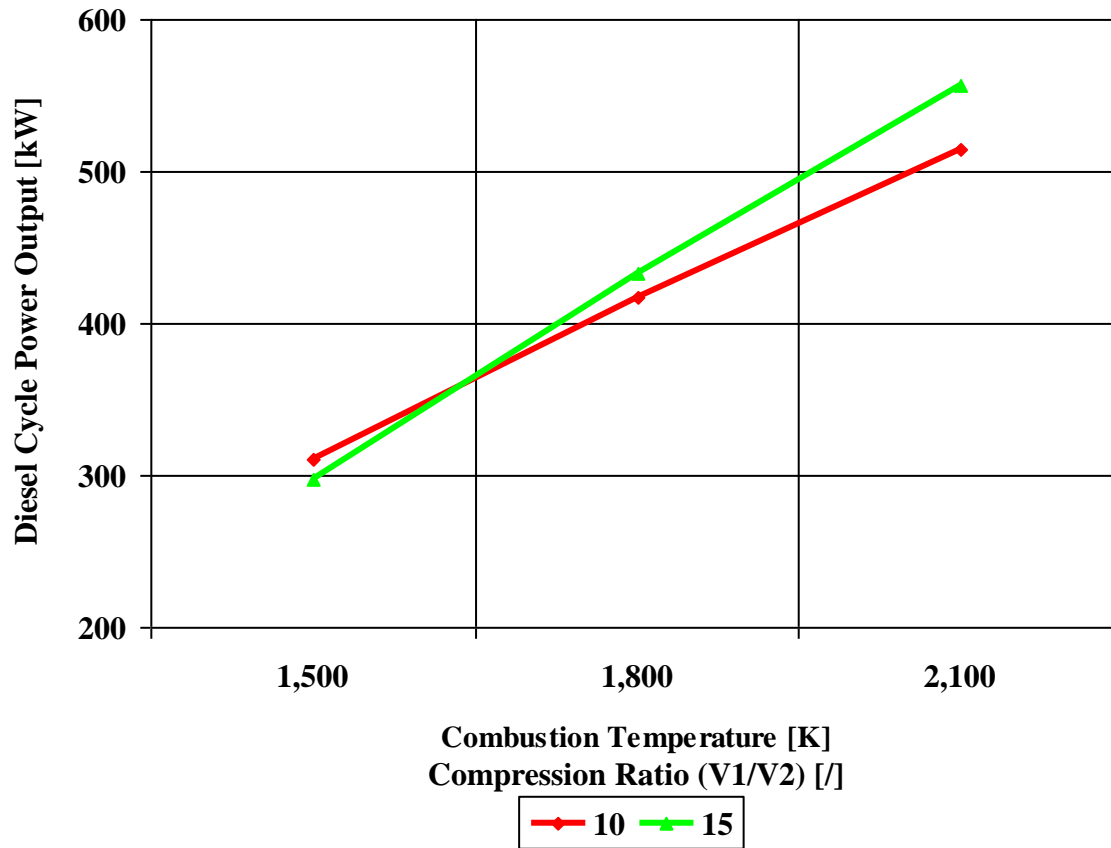


Ambient Temperature: 298 [K]

Diesel Cycle Cut Off Ratio



Diesel Cycle Power Output



Working Fluid: Air

Air Ambient Temperature: 298 [K] -- Number of Revolutions: 60 [1/s]

For a Given Geometry of a Four Cylinder and Four Stroke Diesel Engine

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