

Case Study

Research and Development in Thermal Management Systems

CUSTOMER: U.S. Department of Defense (DoD)
CONTRACT #: W56HZV-09-C-0146 (Modification No. P00001)
PROJECT NAME: SBIR Project, "Improved Thermal Management Systems Using Advanced Materials and Fluids" (Heat Exchangers)
PROJECT DURATION: 2009-2010

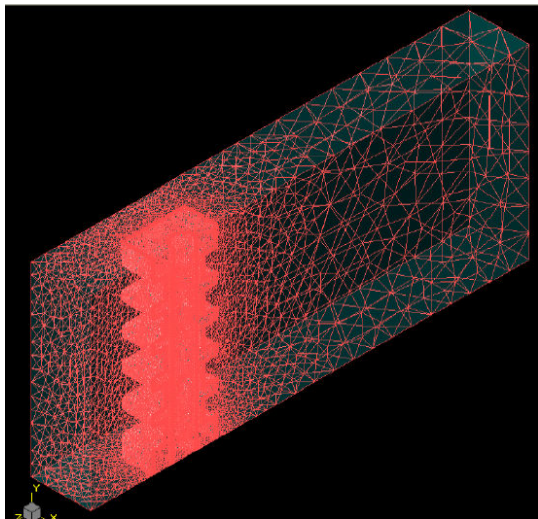
OVERVIEW

The US Department of Defense solicited a SBIR/STTR request for proposal (RFP) for new types of compact heat exchangers, specifically based on radiator technologies. These new types of radiators are much lighter and more compact compared to traditional heat exchangers. Aegis Technology was awarded the project in 2009 and successfully completed the project in 2010.

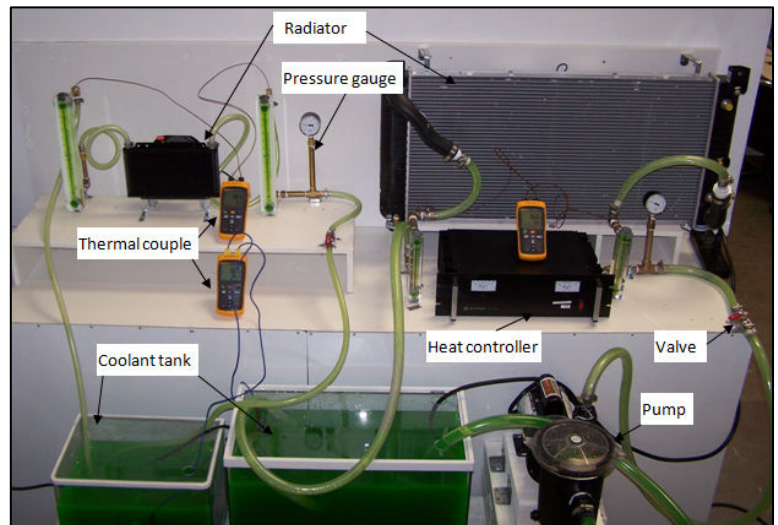
DELIVERABLES

Aegis Technology designed and delivered several radiator prototypes. In the process, Aegis Technology conducted and/or developed:

- System level design
- Computer modeling and simulation
- Testing
- Characterization



(a)



(b)

(a) Computer modeling and simulation of radiator, (b) Radiator system

CONTACT

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