

KULI base – Powertrain Cooling



Description

- CAE-Software for the thermal management optimization of powertrain cooling systems
- Simulation of the various heat balances based on experimental component data

Features/Specifications

- Steady state thermal management analysis
- Consideration of all thermodynamic key values (temperatures, pressure mass- and heat-flows,...)
- 1-dimensional Fluid Network Analysis allowing arbitrary level of detail
- Quasi 1-dimensional Air Flow Network Analysis
- Automatic consideration of component overlapping
- Extendable media library
- Sensors and actuators for manipulation of input data via controllers
- Sub-systems for “black-box” treatment and better system overview
- Interactive output display and post processor including automated reporting
- Upgradeable function range via further KULI modules

KULI base
ENERGY MANAGEMENT OPTIMIZATION

Innovation Pillars



SMARTER



SAFER



LIGHTER

Magna Powertrain

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