

Simulating the Idle: A New Load Case for Vehicle Thermal Management

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Testing for elastomer components needs collective data, maximum temperature is not sufficient



Engine mount
Component failure

Temperature limit exceeded

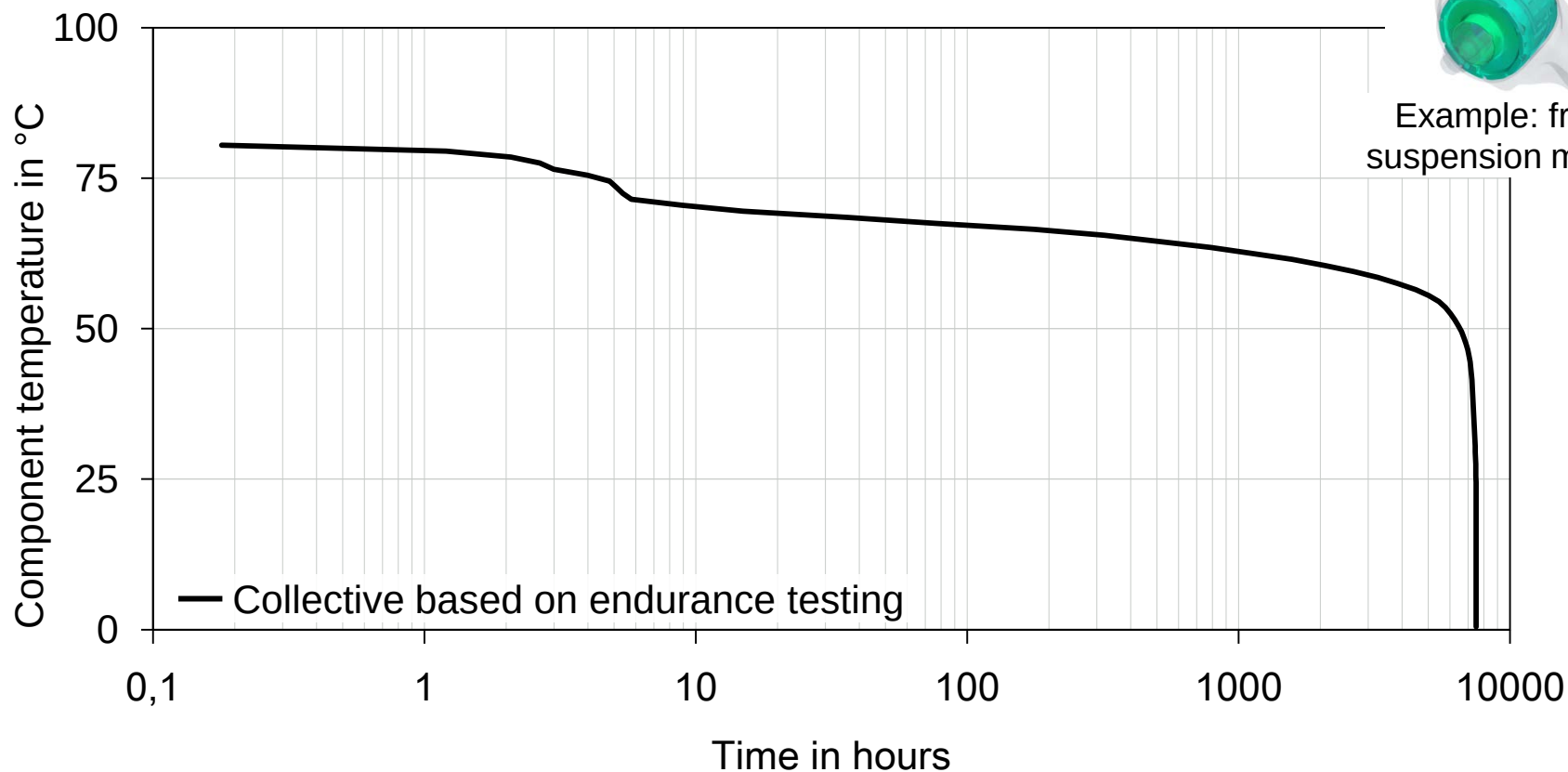


Propeller shaft disc
Component failure

Temperature limit never exceeded

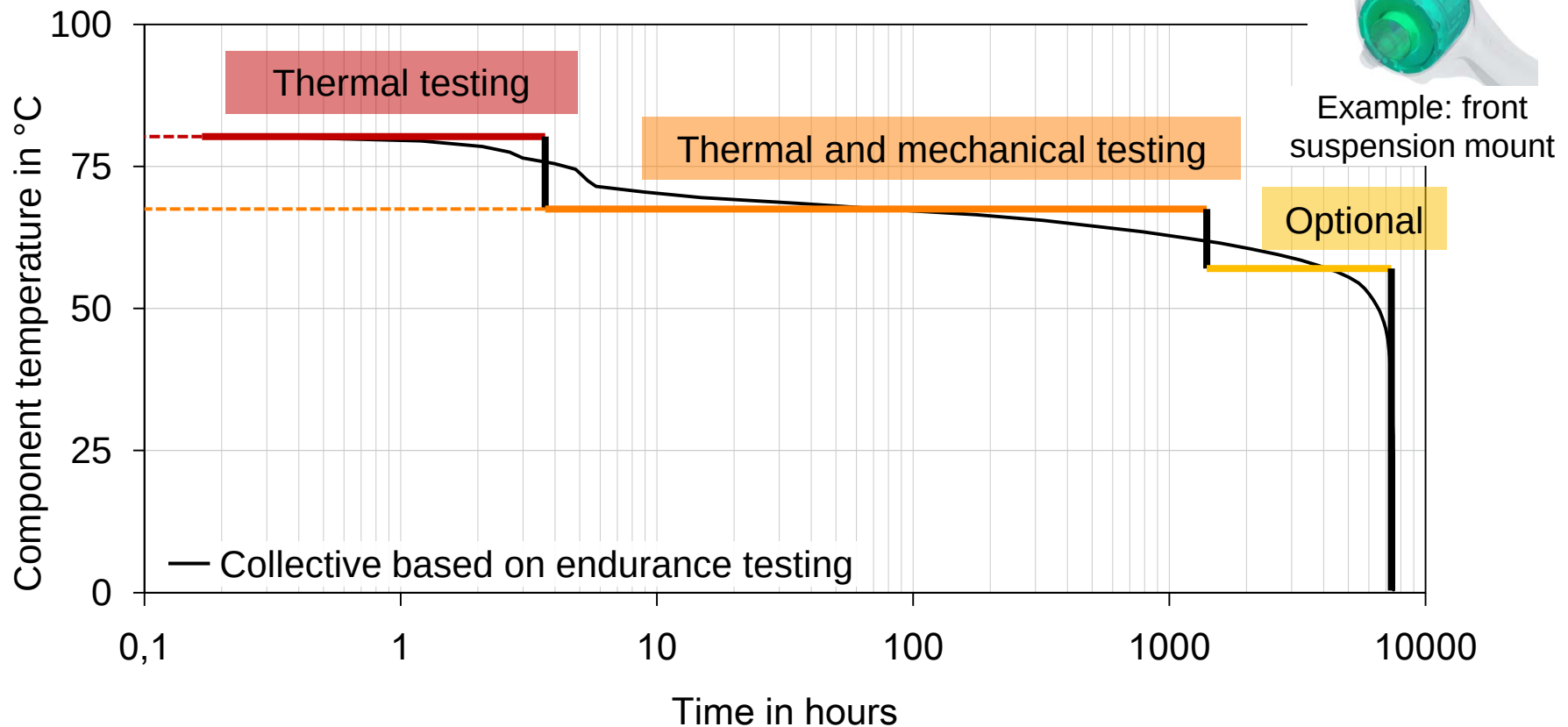
Goal: Replacing endurance testing as the source for component temperature collectives

Starting point – endurance testing:



Goal: Replacing endurance testing as the source for component temperature collectives

Current component testing process:



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