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science of the
relationship between
heat, work,
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general it can be hypothesized that mechanical degradation is a consequence of irreversible

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Mechanical Fatigue
Thermodynamics is
the study of the
energy, principally
heat energy, that
Page 32/37

accompanies/namic chemical or physical changes. Some chemical reactions release heat energy; they are called exothermic reactions, and they have a negative enthalpy change. Others absorb heat energy and are called endothermic reactions, and they Page 33/37

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