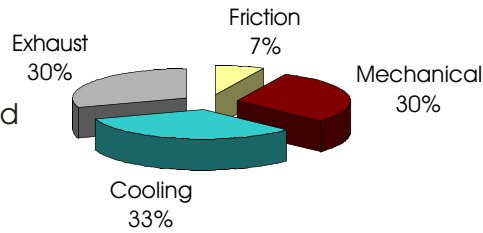


# Coolant Maintenance Strategy



Percentage of energy expended from fuel burned.



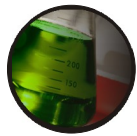
## Predictive benefits of regular coolant analysis.



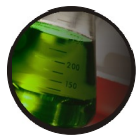
**Coolant Condition** - Indicates when the coolant should be changed or if Supplemental Coolant Additives (SCA) should be added where appropriate.



**Component Failure** - Indicates when an engine or cooling system failure has occurred (eg. plugged coolant line, head gasket failure, etc.). Routine monitoring can predict serious damage before it occurs.

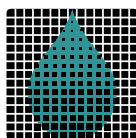


**Action Before Failure** - Predicts an impending failure by noting abnormalities and trends in specific analysis.



**Maintenance Cycle Management (MCM)** - Indicates problems with equipment operational practices, maintenance procedures, and design limitations. MCM is effective when we compare the history of a component and the historical analysis data on similar components.

*...because what happens on the inside really counts*



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