VDS Diagnostics

Types of Diagnostics

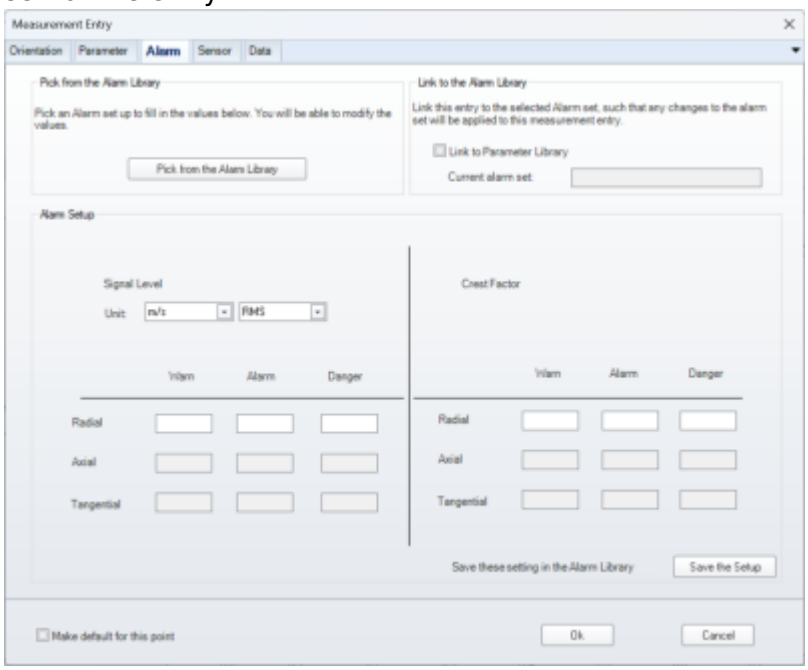
Auto-diagnosis tools

- Machine builder
- Forcing Orders
- Machine Speed
- Baselines (Averages)

Auto diagnostic features come from the machine class. Machine class holds information such as machine elements (mechanical parts) forcing orders, speed/RPM and data collection points. Information on machine class contruction can be found here: VDS Machine Builder

Alarms

Alarms are a tool directly tied to a measurement entry, the rms and crest factor values are manually set for the entry



Fixed Thresholds

Fixed thresholds

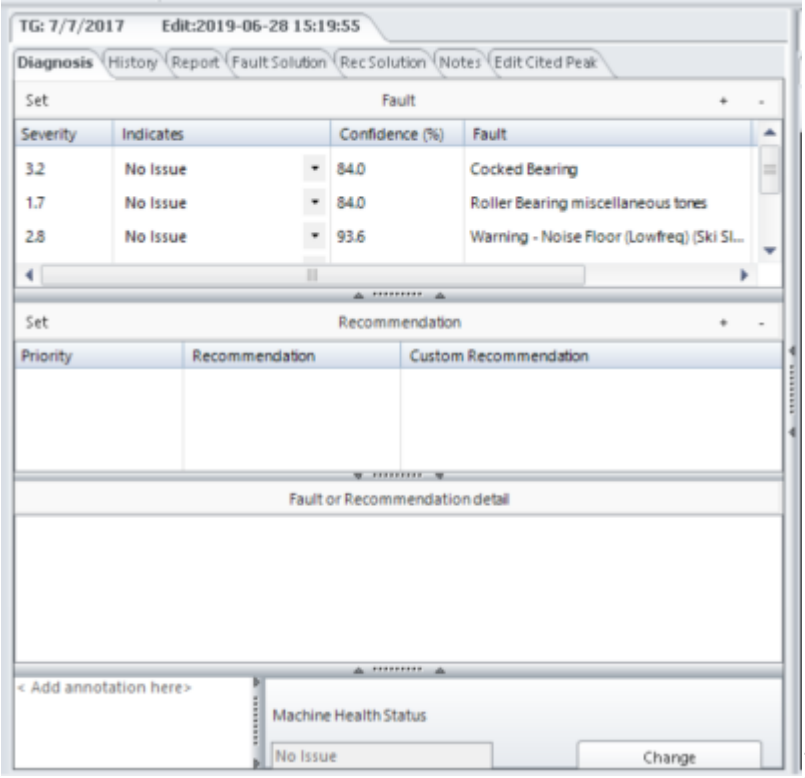
Diagnosis

Diagnostic information will be processed for the test group when route data is collected and uploaded

to VDS if the option for auto-diagnostic processing is checked. Otherwise, the data can be processed by right clicking the data under the data explorer in selected point and clicking create diagnosis.

Report

Diagnostic information can be viewed in the review panel by selecting the View Diagnosis feature or by exporting the information from the tool page and selecting Diagnosis.
Information includes fault diagnosis, severity, confidence interval, and recommended action



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