

Vibration Analysis Report

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Analysis Results

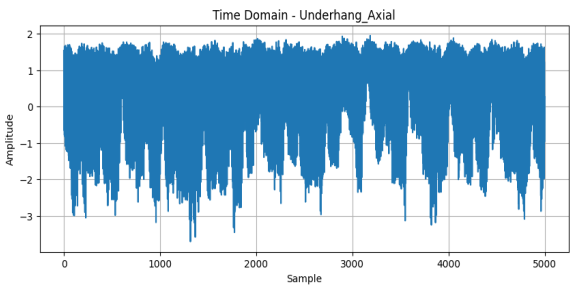
Parameter	Value
Fault Classification	imbalance
Fault Severity	medium
Fault Area	underhang

Summary:

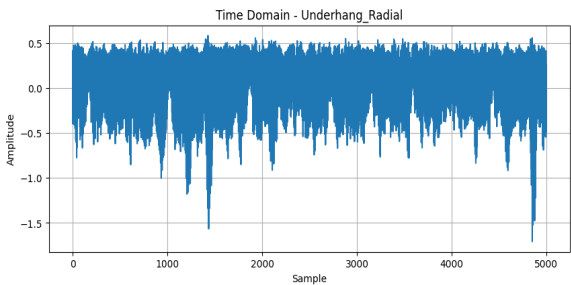
The machine is showing signs of a medium fault in the imbalance at the underhang location.

Time Domain Analysis

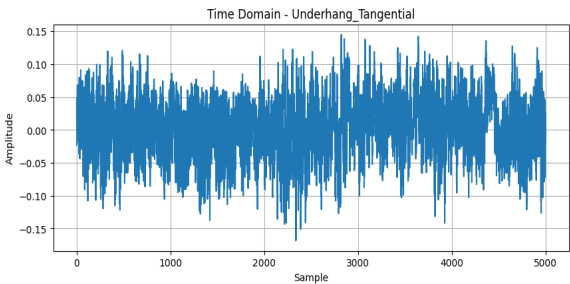
The following time domain plots show the raw vibration signals:



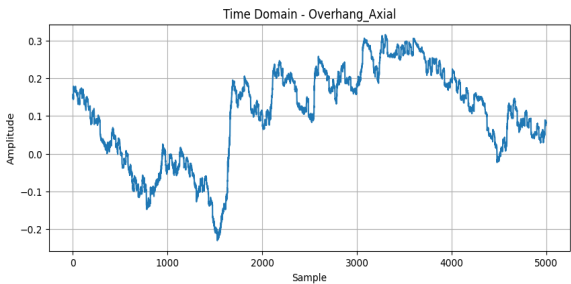
Underhang_Axial



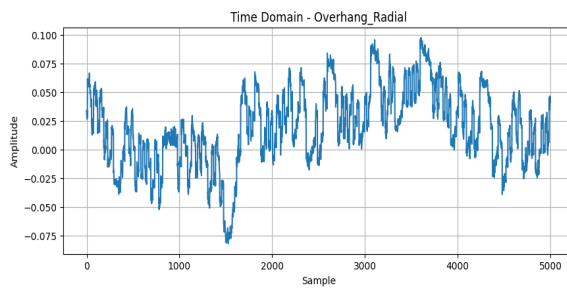
Underhang_Radial



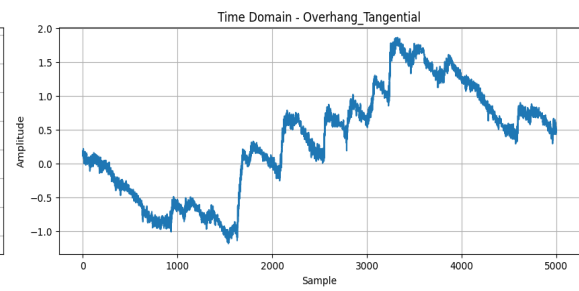
Underhang_Tangential



Overhang_Axial



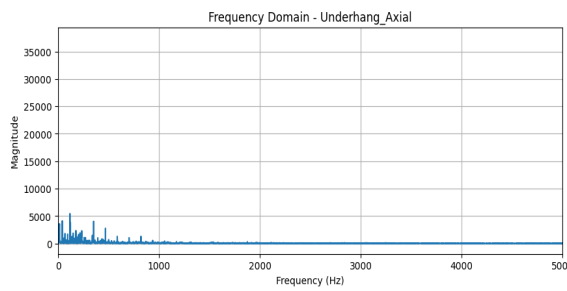
Overhang_Radial



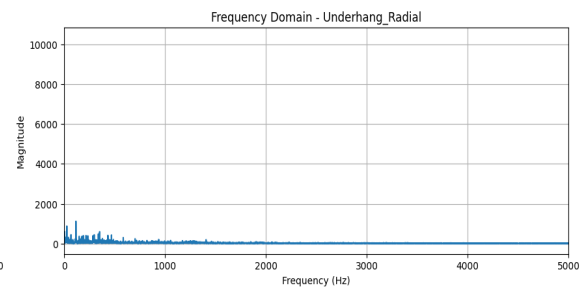
Overhang_Tangential

Frequency Domain Analysis

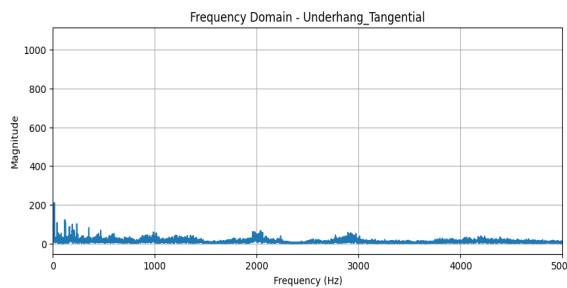
The following frequency domain plots show the frequency components of the vibration signals:



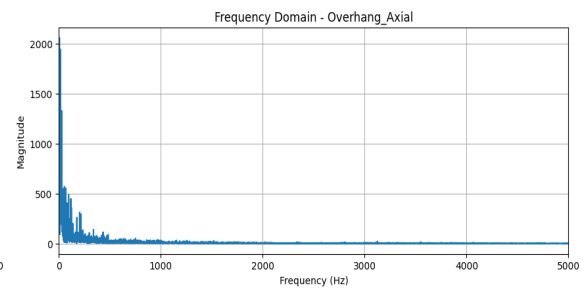
Underhang_Axial



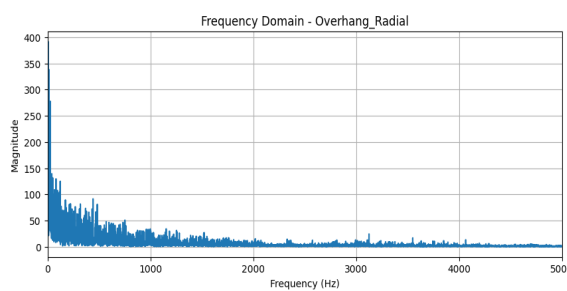
Underhang_Radial



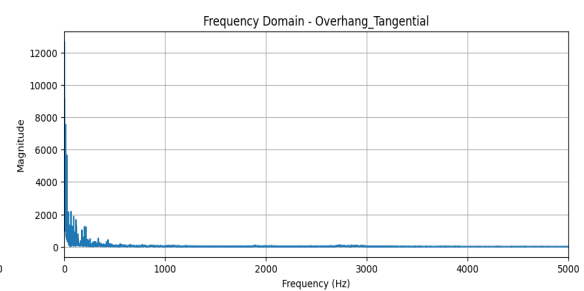
Underhang_Tangential



Overhang_Axial



Overhang_Radial



Overhang_Tangential

