

Vibration Analysis Report

Generated on: 2025-04-02 17:52:18

Analysis Results

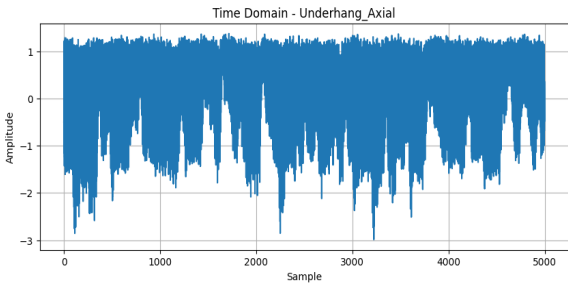
Parameter	Value
Fault Classification	imbalance
Fault Severity	medium
Fault Area	underhang

Summary:

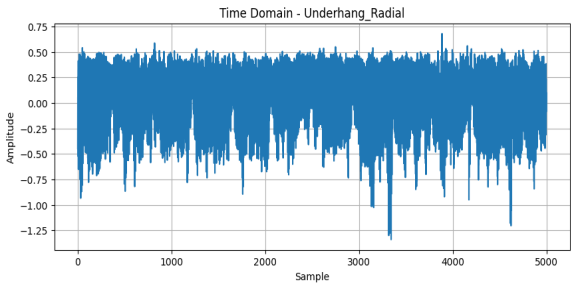
The machine is showing signs of a medium fault in the imbalance at the underhang location.

Time Domain Analysis

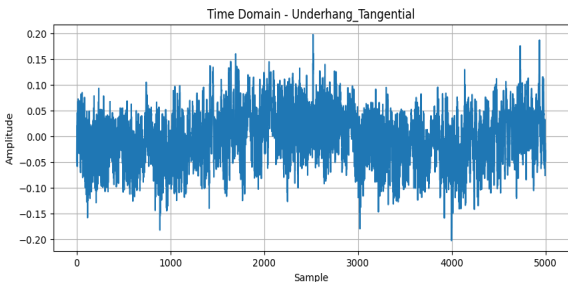
The following time domain plots show the raw vibration signals:



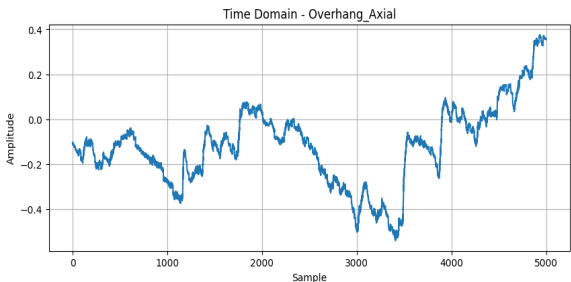
Underhang_Axial



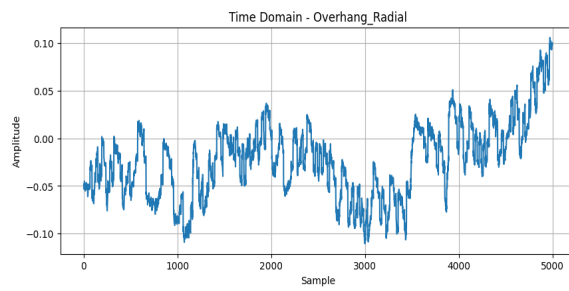
Underhang_Radial



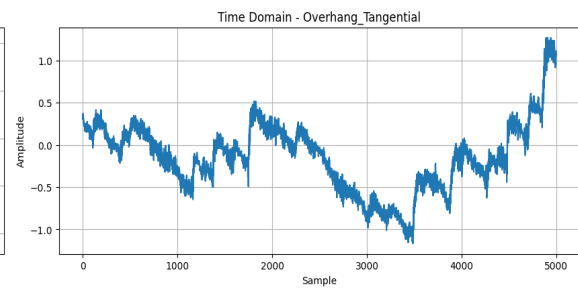
Underhang_Tangential



Overhang_Axial



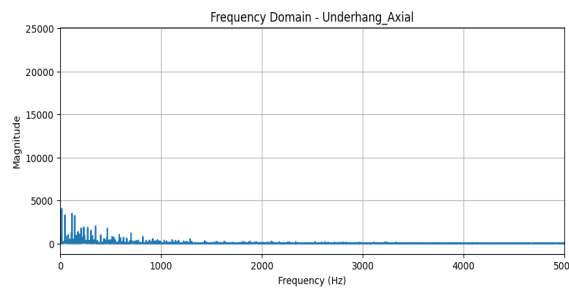
Overhang_Radial



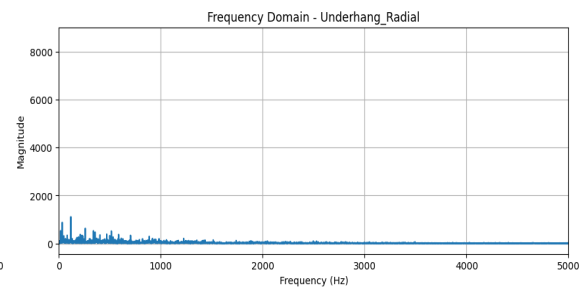
Overhang_Tangential

Frequency Domain Analysis

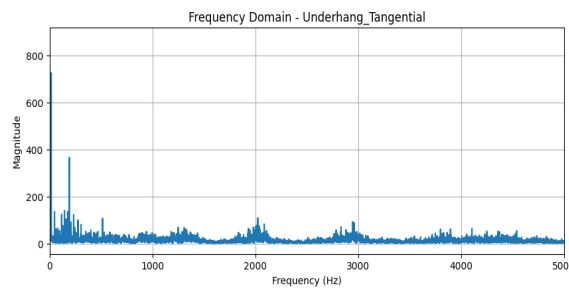
The following frequency domain plots show the frequency components of the vibration signals:



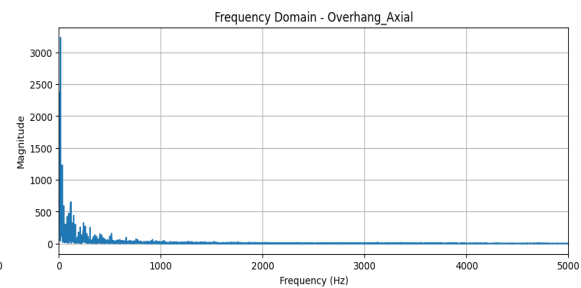
Underhang_Axial



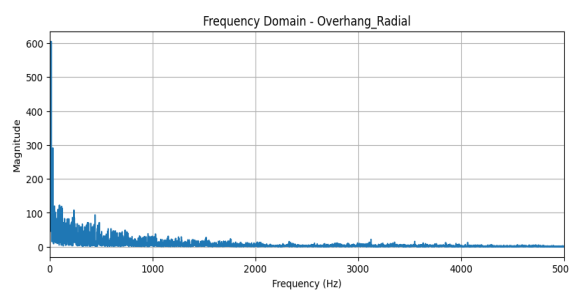
Underhang_Radial



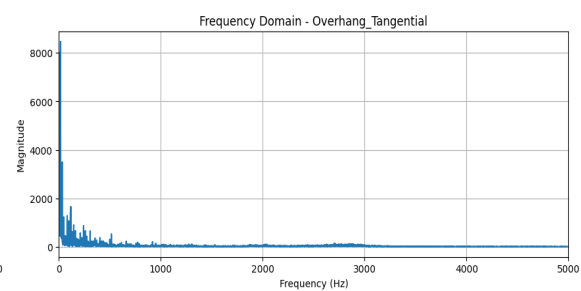
Underhang_Tangential



Overhang_Axial



Overhang_Radial



Overhang_Tangential

