

# Vibration Analysis Report

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## Analysis Results

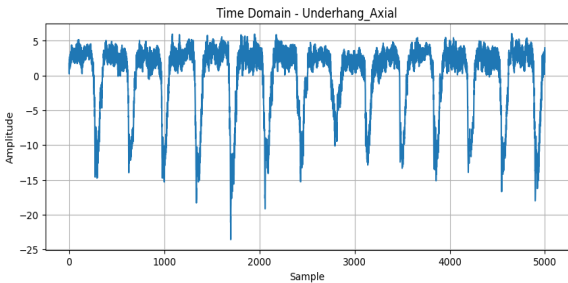
Parameter	Value
Fault Classification	ball_fault
Fault Severity	light
Fault Area	overhang

**Summary:**

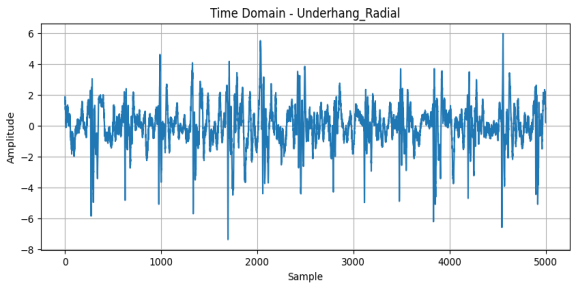
The machine is showing signs of a light fault in the ball\_fault at the overhang location.

## Time Domain Analysis

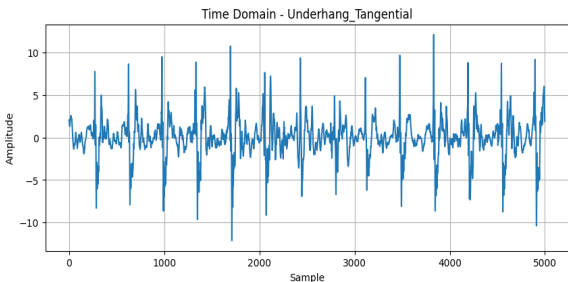
The following time domain plots show the raw vibration signals:



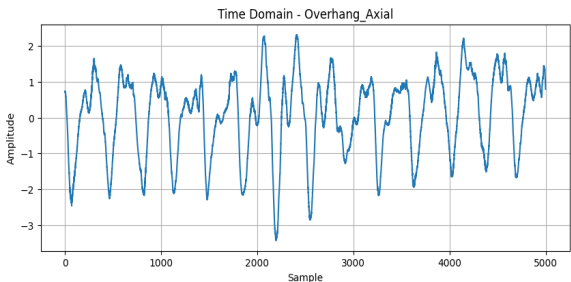
Underhang\_Axial



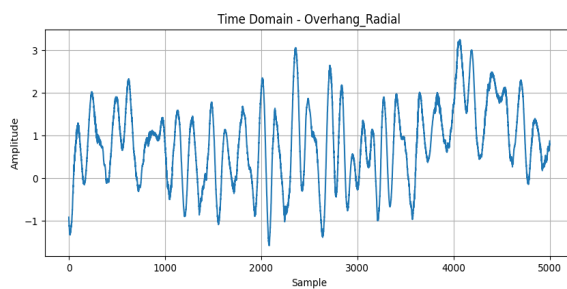
Underhang\_Radial



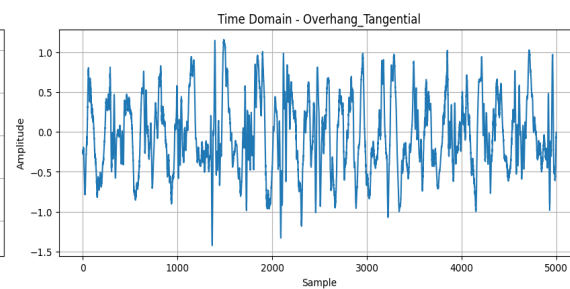
Underhang\_Tangential



Overhang\_Axial



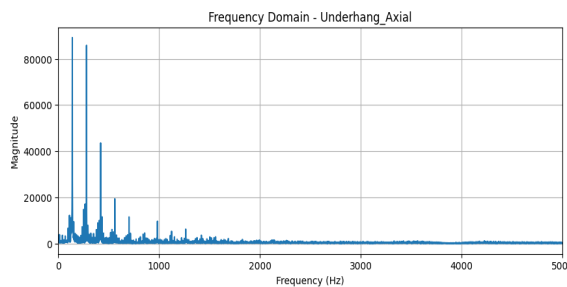
Overhang\_Radial



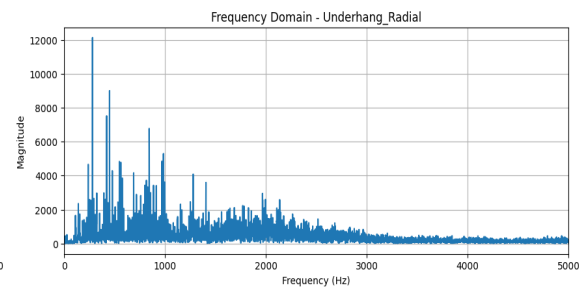
Overhang\_Tangential

## Frequency Domain Analysis

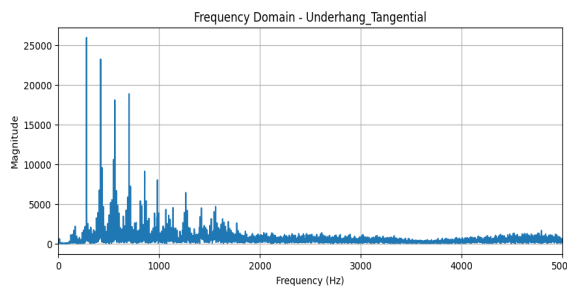
The following frequency domain plots show the frequency components of the vibration signals:



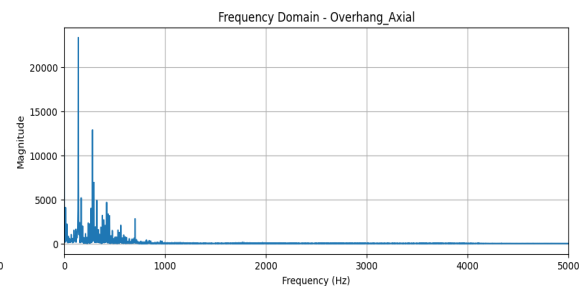
Underhang\_Axial



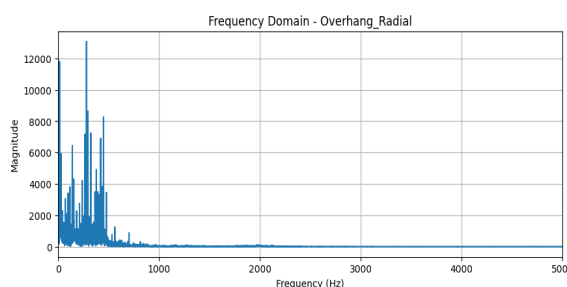
Underhang\_Radial



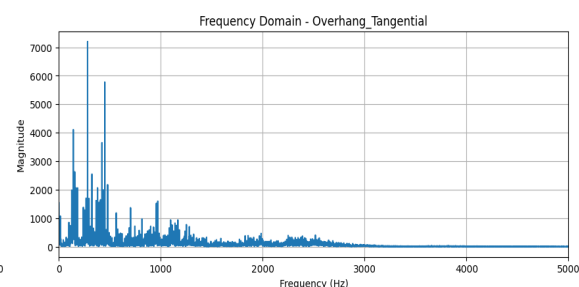
Underhang\_Tangential



Overhang\_Axial



Overhang\_Radial



Overhang\_Tangential

