

Figures 4.3 and 4.4 shows FFT plots of good acoustic and bad acoustic of a defective brake liner. Similarly figures from 4.5 to 4.16 shows FFT plots of good impact acoustic and bad impact acoustic in order for different brake liner grade quality.

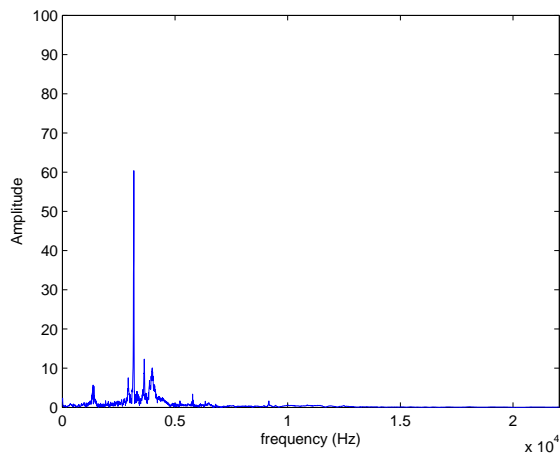


Figure 4.3: FFT plot of good brake liner

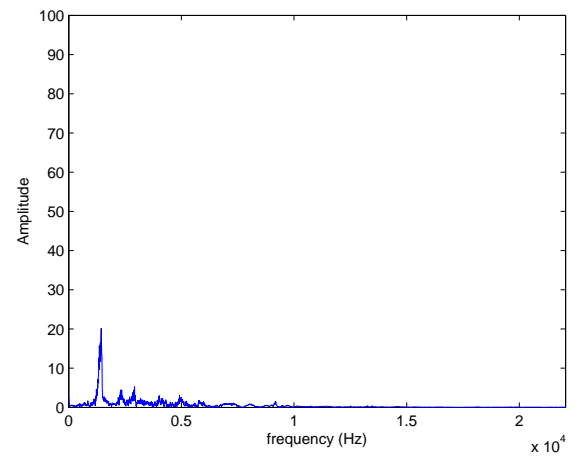


Figure 4.4: FFT plot of bad brake liner

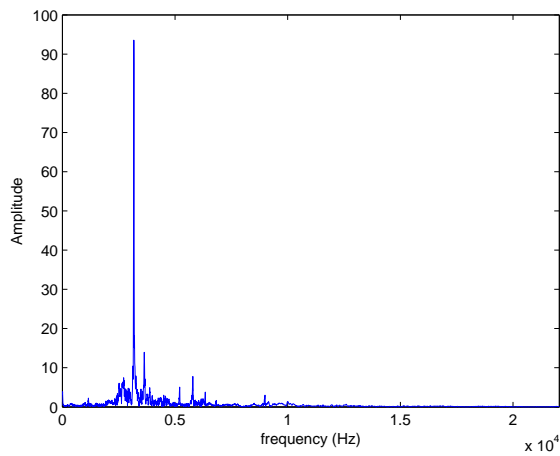


Figure 4.5: FFT plot of good brake liner

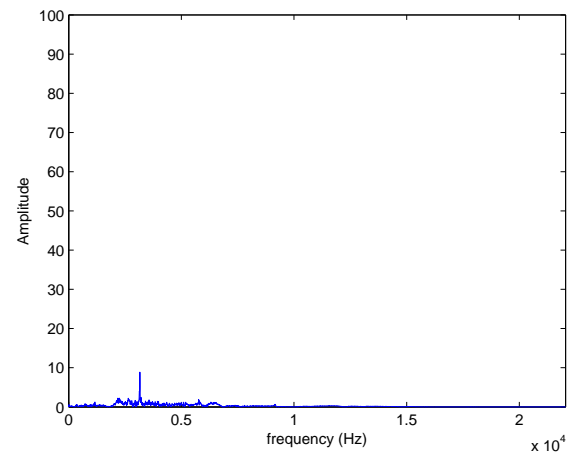


Figure 4.6: FFT plot of bad brake liner

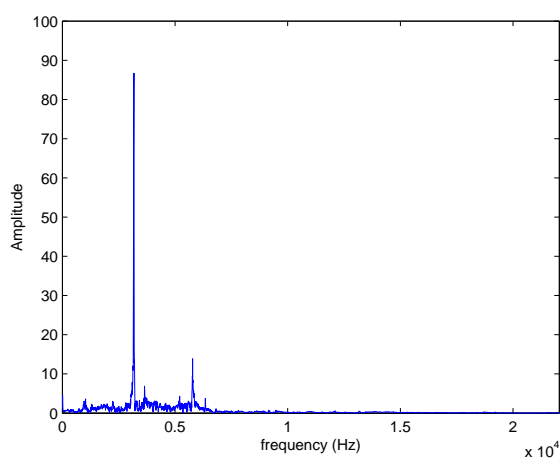


Figure 4.7: FFT plot of good brake liner

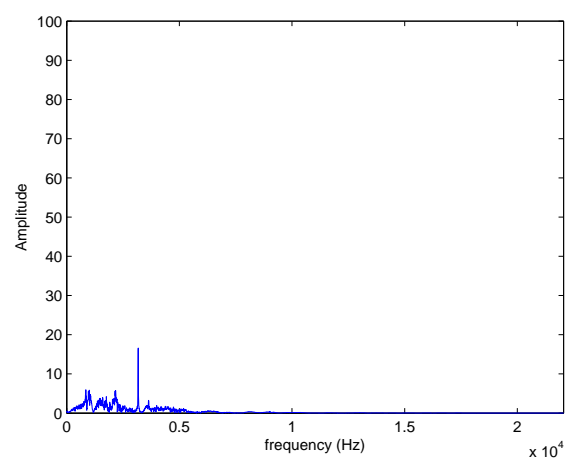


Figure 4.8: FFT plot of bad brake liner

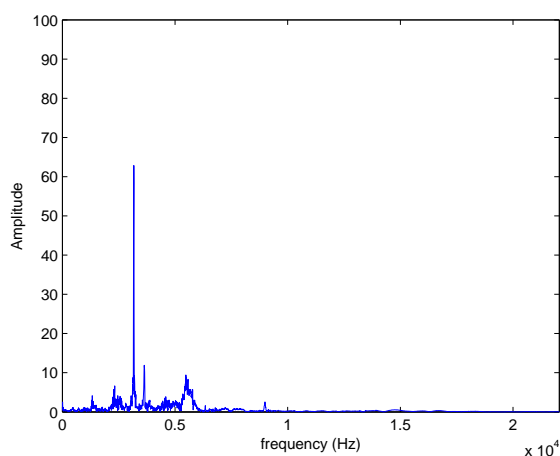


Figure 4.9: FFT plot of good brake liner

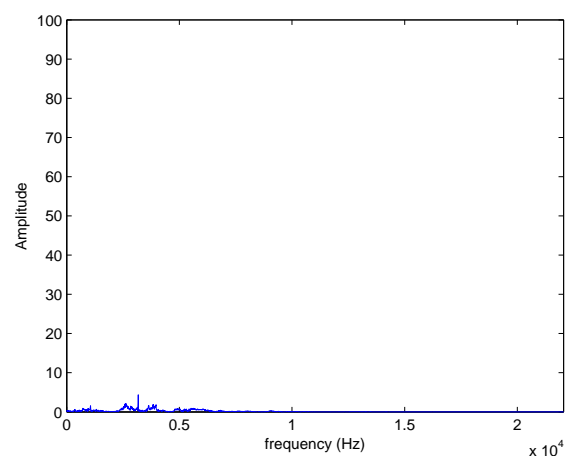


Figure 4.10: FFT plot of bad brake liner

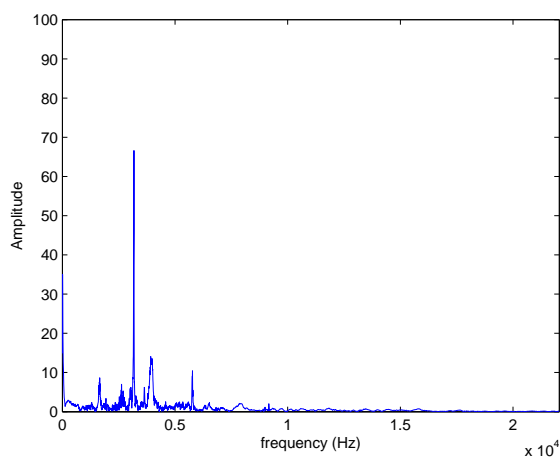


Figure 4.11: FFT plot of good brake liner

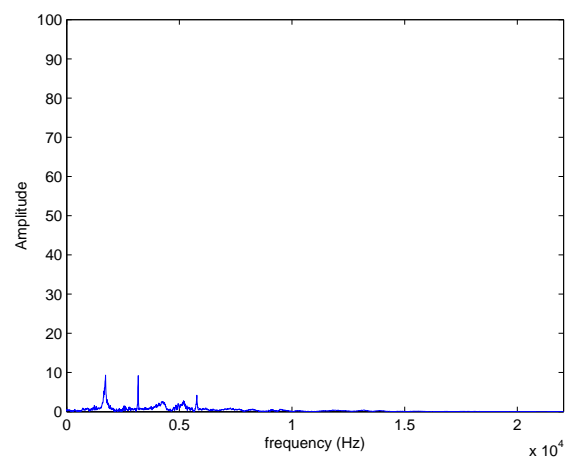


Figure 4.12: FFT plot of bad brake liner

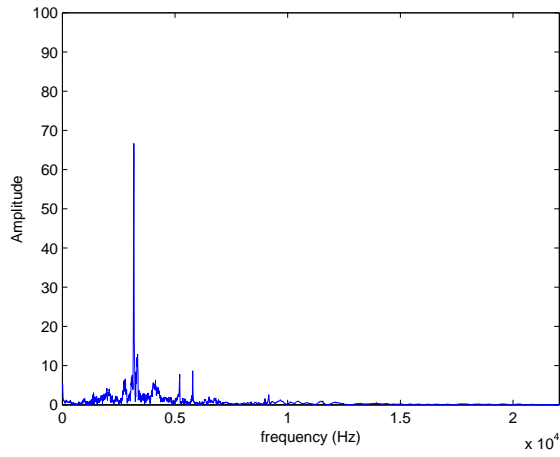


Figure 4.13: FFT plot of good brake liner

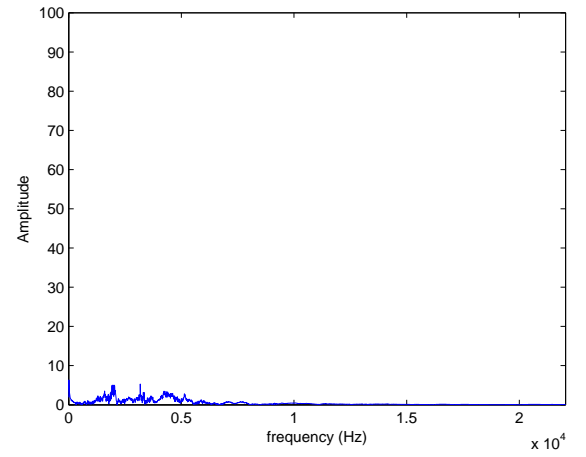


Figure 4.14: FFT plot of bad brake liner

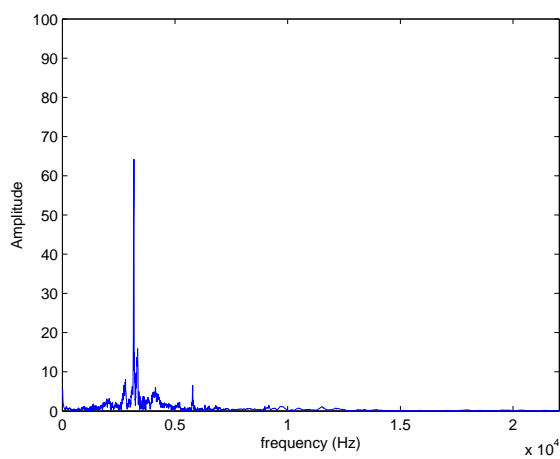


Figure 4.15: FFT plot of good brake liner

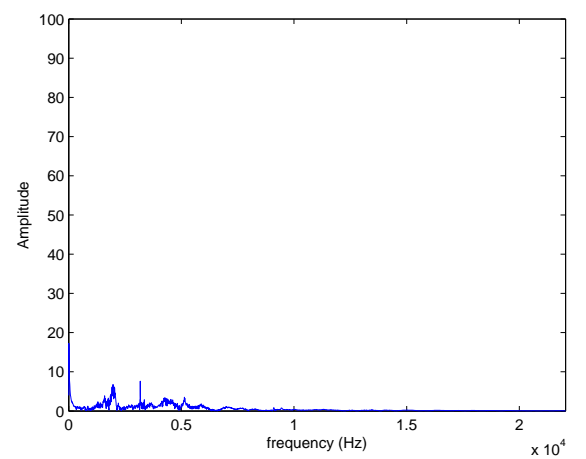


Figure 4.16: FFT plot of bad brake liner