Bearing Fault Diagnostic Report

Prediction: NORMAL

Confidence: 45.00%

Probabilities:

    ball: 37.00%

    inner_race: 8.00%

    normal: 45.00%

    outer_race: 10.00%

Extracted Features:

    mean: 0.176200

    std: 0.041371

    rms: 0.180992

    peak: 0.250000

    peak_to_peak: 0.150000

    crest_factor: 1.381279

    skewness: 0.148945

    kurtosis: -1.030608

    clearance_factor: 1.438943

    shape_factor: 1.027195

    impulse_factor: 1.418842

    freq_mean: 4048.074665

    freq_std: 1094.695713

    freq_peak: 4200.000000