



# Machine Balancing Report

## Two-Planes Influence Coefficient

Date: Mar 05, 2016 12:07:31 PM

Company: GTi

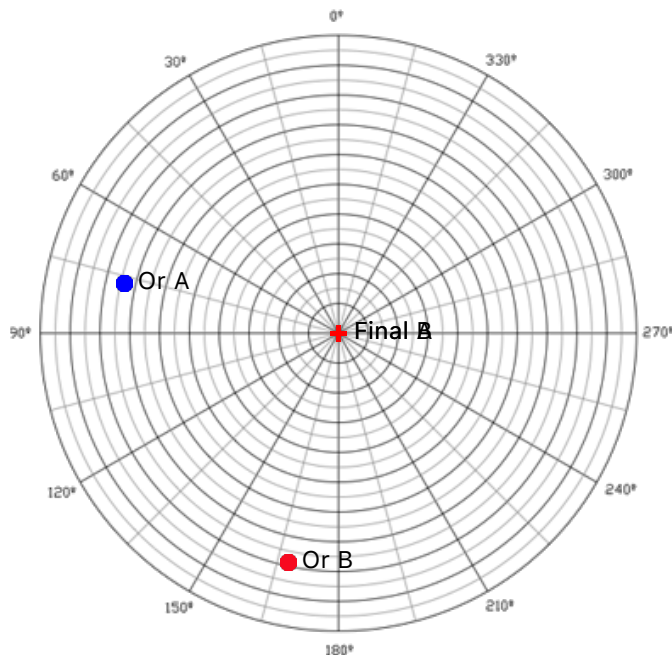
Machine ID: 2plane Test

Technician: Tom

### Balancing Data and Results:

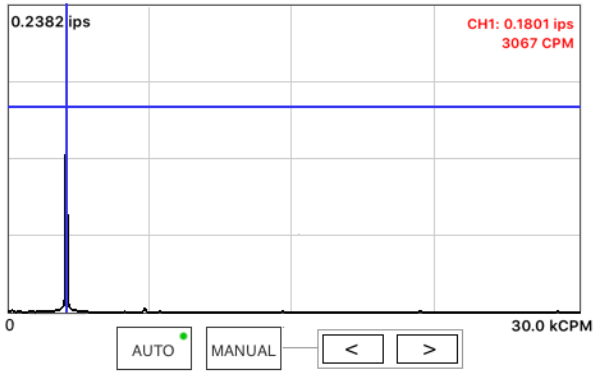
	Plane A	Plane B
(1) Original Imbalance:	<b>0.1801 ips <math>\angle</math> 77°</b>	<b>0.1941 ips <math>\angle</math> 168°</b>
Trial Weight in Plane A:	<b>0.02 oz <math>\angle</math> 130</b>	
Vibration w/Trial Weight in Plane A	<b>0.3386 ips <math>\angle</math> 99°</b>	<b>0.1543 ips <math>\angle</math> 177°</b>
Trial Weight in Plane B:		<b>0.02 oz <math>\angle</math> 85</b>
Vibration w/Trial Weight in Plane B	<b>0.1580 ips <math>\angle</math> 81°</b>	<b>0.2311 ips <math>\angle</math> 117°</b>
Correction Weights:	<b>0.02 oz <math>\angle</math> 275</b>	<b>0.02 oz <math>\angle</math> 358</b>
(2) Vibration after Correction:	<b>0.0008 ips <math>\angle</math> 234°</b>	<b>0.0008 ips <math>\angle</math> 233°</b>
Trial Weight Radius:	<b>1.00 in</b>	<b>1.00 in</b>
Correction Weight Radius:	<b>1.00 in</b>	<b>1.00 in</b>
Rotor Weight:	<b>0.00 Lbs</b>	Rotor Balancing Speed: <b>0 RPM</b>
Machine Threshold:	<b>0.0300 ips</b>	

Notes: NA

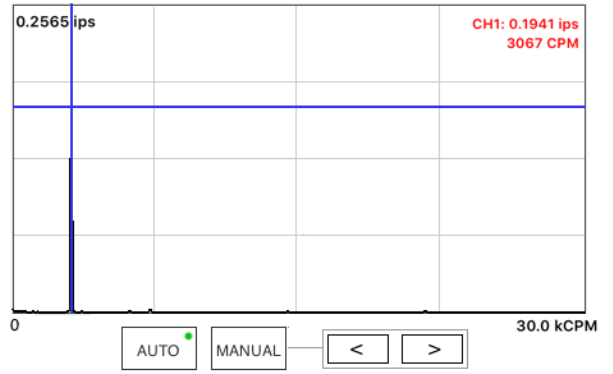


Signature:

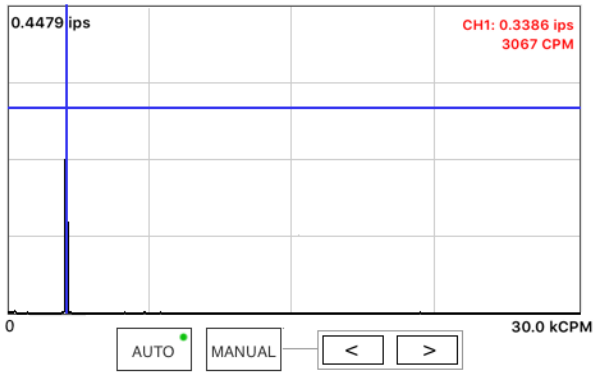
Original Vibration Plane A



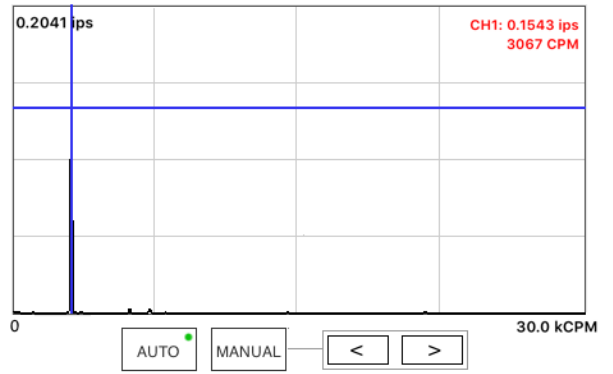
Original Vibration Plane B



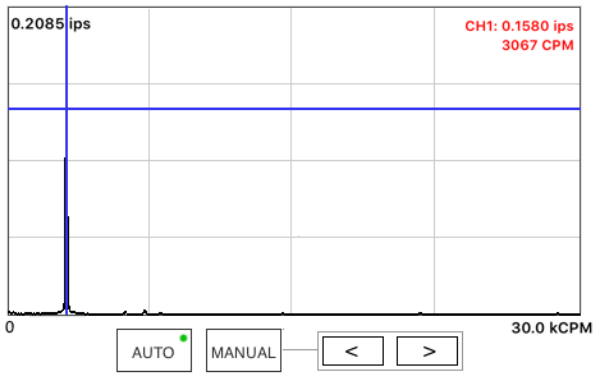
Vibration in Plane A w/Trial Wgt Plane A



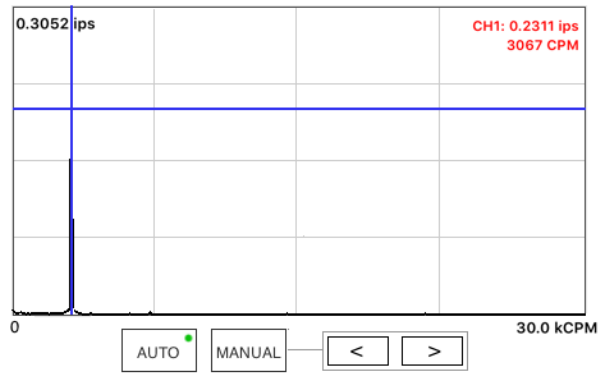
Vibration in Plane B w/Trial Wgt Plane A



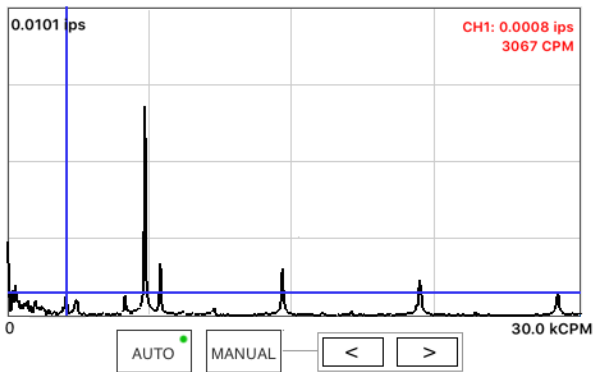
Vibration in Plane A w/Trial Wgt Plane B



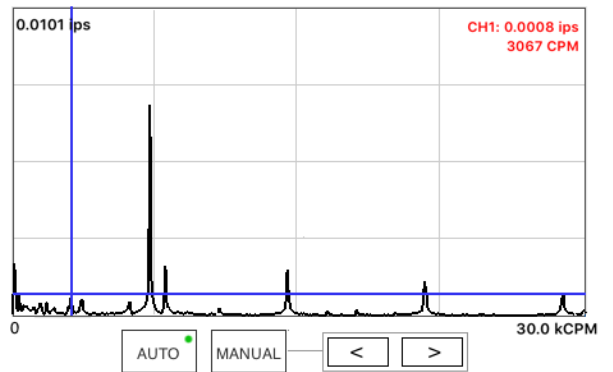
Vibration in Plane B w/Trial Wgt Plane B



Final Vibration Plane A



Final Vibration Plane B



## 2plane Test



GPS Location of Balancing site

Longitude: -71.406715

Latitude: 42.982651

