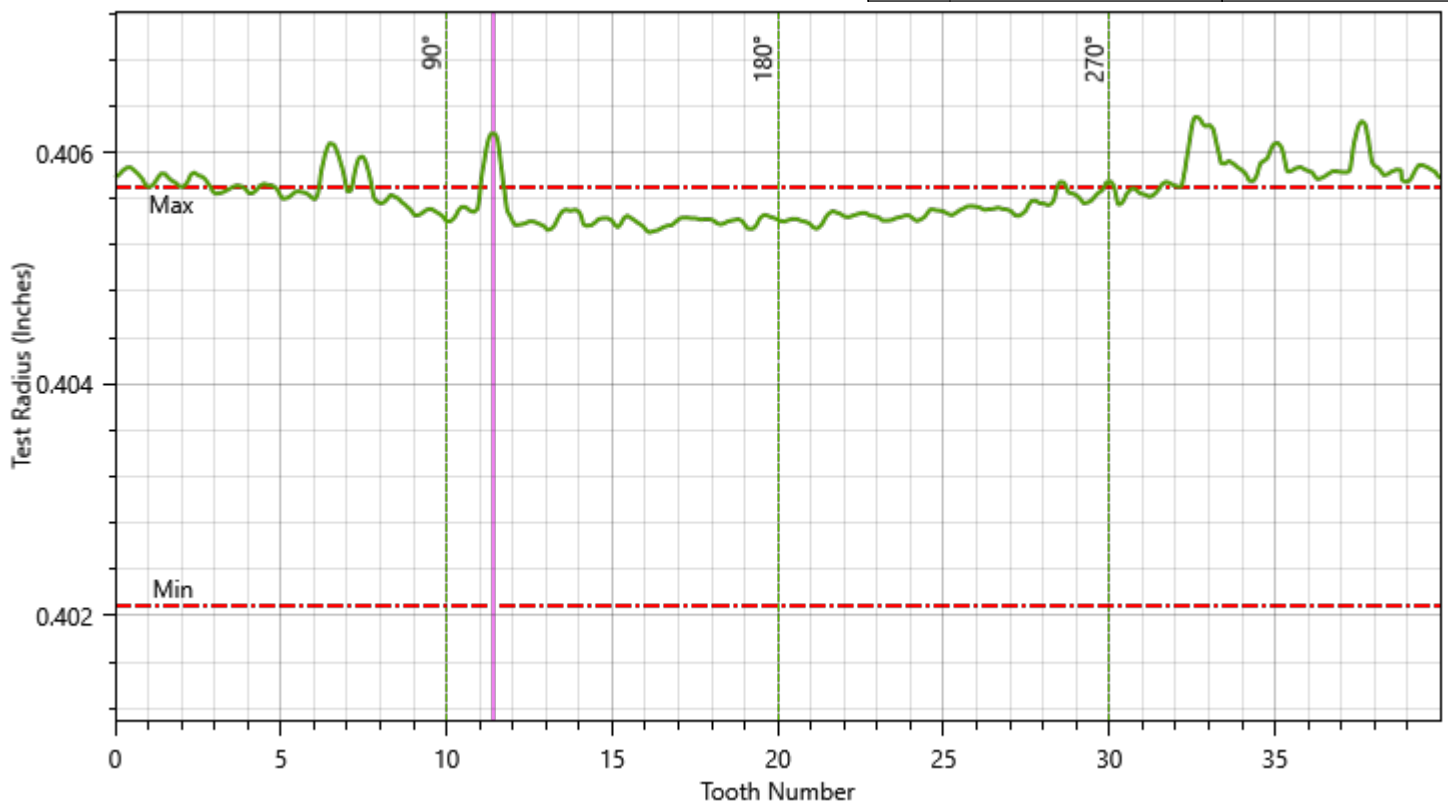


Drawing Number: 3.9.30_482040
 Sub Part: 2019-11-3
 Serial Number: 0001
 Master Gear: VR-1270



		Part Gear	Master Gear	Test Parameters	
Normal Diametral Pitch	P_{nd}	48.0000	48.0000	Motor Type	VR-4000-30
Pressure Angle	α	20.0000	20.0000	Pre-Run Time	1.0000
Number of Teeth	z	40	96	Time per Tooth	0.2000
Helix Angle	β	0.0000	0.0000	Motor Direction	Forward
Arbor Diameter		0.2350	0.5000	Gear Type	External
Circular Tooth Thickness		---	0.0329	Units	Inches
Test Radius		---	1.0002	Measuring Pressure	20
				Test Date	11/3/2019



Test Results - Failed

Standard - AGMA 2000-A88

Graph Height: 0.00612

DataPoints per Tooth: 0.00

	Blueprint				Results			
	Min	Ave	Max	Class	Min	Ave	Max	Class
Test Radius	0.4021	0.4039	0.4057		0.4053	0.4058	0.4063*	
Total Composite Error F_{id}			0.0019	8			0.0010	9
Tooth-Tooth Composite Error f_{id}			0.0010	8			0.0007	9
Average Tooth-Tooth Error							0.0002	
Pitch Line Runout F_r							0.0005	

P:
F:

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