

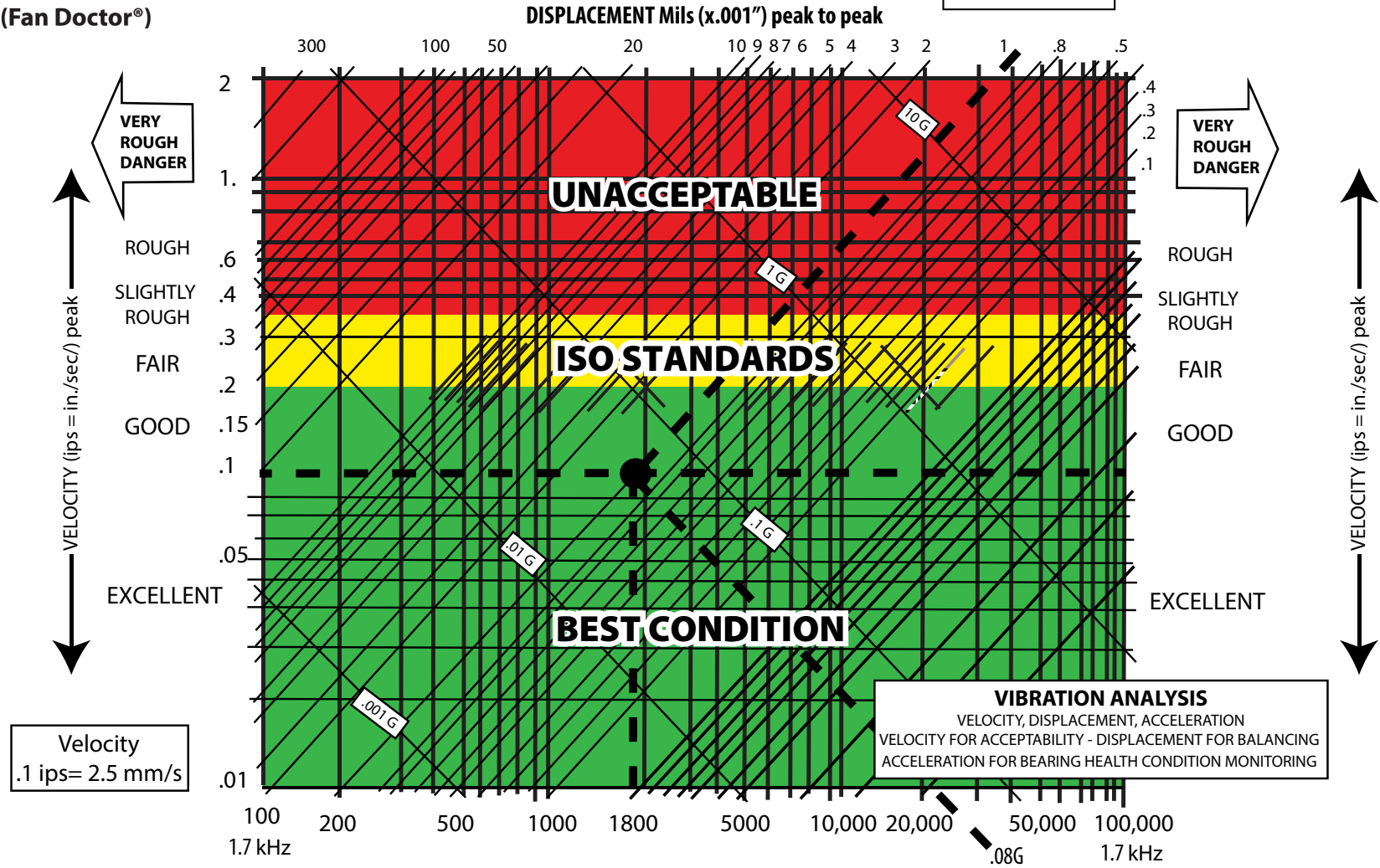


**VIBRATION SEVERITY GRAPH FOR GENERAL ROTATING MACHINERY**

This Chart is based on ISO 10816-3

← AMPLITUDE →

Displacement  
1 mil = 25 microns



**REFERENCE POINT** ● = 1800 rpm machine/ motor excellent condition

ACCELERATION or FORCE OF GRAVITY "G" (ips<sup>2</sup> = in./sec<sup>2</sup> for simplicity)  
ACTUAL G = 32 fps/s = 9.8 m/s/s

*Note: the yellow area on chart represents issues that often can't be resolved due to time and cost.*