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Subject: Re: Practical limit to tube based phono preamps  
Posted by [Wayne Parham](#) on Fri, 13 Jan 2023 04:11:31 GMT  
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Amazing how much noisier the metal film resistors are.

I wonder how much difference one might see in various tubes. I haven't noticed much difference in the amps I run, until the tubes get close to end-of-life. And then the noise they begin to make isn't white noise, but rather intermittent whistles and pops. Some start drawing more current too. So but I'm not considering what the tube does as its sunseting. I'm more interested in what it is doing when it is working properly.

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