



Concentrator Talk - February 17, 2022

#	Topic	Video Link
1	Introduction and Welcome	Link
2	I am working on an Airsep Elite oxygen concentrator, it had the low-pressure alarm indicator ON and was also giving out low purity of oxygen. I have serviced the compressor and refilled the sieve beds. The oxygen purity has improved from 33% but it is now oscillating between 89% and 85%, what may be the problem and how can I resolve it?	Link
3	I have an oxygen concentrator that I am working on and the compressor keeps shutting down periodically. What may be the problem with this concentrator?	Link
4	I am working on a DeVilBiss 525 oxygen concentrator, when I plug it to the mains socket, the reset switch on the concentrator trips and the concentrator does not turn. How do I deal with such a problem?	Link
5	Whenever I turn on a Devilbiss 515 5L concentrator every few seconds the relief valve pops. I removed the covers and checked for blockages in the beds and there were no blockages in the pipes. How do I solve this problem?	Link
6	I have a Devilbiss 525 concentrator, when I connect an oxygen analyzer to check for purity and flow rate I get a flow rate of 5LPM on the concentrator flow meter and 5.5LPM on the oxygen analyzer. What could be the problem?	Link
7	I have come across a devilbiss 525 drive that looks almost new but shows a low oxygen light. Upon troubleshooting, I found out that the product tank contains water. What can be the cause of this and how can I fix the concentrator?	Link
8	How to Test and Fix Leakages	Link
9	I noticed at our facility that when we use an oxygen analyzer on a concentrator we get the accurate readings and when we try to use the same on cylinders or any oxygen source with high flow purity display on the interface starts fluctuating and no true results are obtained. Any idea of which analyser is recommended?	Link