



Brake Evolution

EBS BULLETIN

Air Dryer & Compressor Maintenance

Before replacing an air dryer, it is important to find out why it has failed. Air dryers very rarely fail due to manufacturing problems, it is usually carbon/oil carryover from the compressor that has contaminated the working faces of the seals, clogged up chokes, abraded seals and otherwise damaged your unit. If your air-dryer has oily ports, and if you remove the canister and can see oil, water, or sludgy emulsion; then the fault almost certainly lies with your compressor.



If you replace this air-dryer without addressing the root cause, you will be replacing it again very soon, and no manufacturer will accept warranty claims that are oiled and contaminated. If you correctly diagnose the problem, then you will avoid this. Check if the compressor is passing oil and find out why this has happened. The pipework and filters should all be clear and in good condition, replace if necessary. Compressors often fail due to clogged discharge pipes or the inlet vacuum being too high due to old filters. It is a false economy not to replace the compressor if it is passing oil as it will damage the air-dryer and contaminate all downstream valves.

