



Oil Quantities

98% of compressors that are returned to us under warranty are rejected due to excess oil!

One cause for compressor poor performance and shortened compressor life is due to over oiling. Studies of several large well-equipped aftermarket service shops revealed that it is common practice not to conduct an oil balance before fitting a new compressor. It is recommended that after a compressor failure and the oil is dirty to remove the old compressor and to reverse flush the system without the expansion device and drier present.

Did you know that our compressors come prefilled with 40ml of oil? But that is a fraction of the oil volume in the AC system.

For example, in a car with 200ml total AC oil there would be:

- **Compressor** 40ml
- **Hoses** 15ml
- **Condenser** 45ml
- **Evaporator** 100ml
- **Total oil** **200ml**

If you are removing the old compressor, fitting the new one and then add more oil you are ignoring the fact there is already a substantial amount of oil already there.

So if you add a new compressor without flushing the system through first with a flushing solution to remove all the old oil and debris (note: a vacuum is not a flush) and then add more oil to the 40ml in the compressor, on top of what you've not flushed out, you are overfilling the compressor. Once overfilled the compressor works for a few weeks then stops due to liquid lock. It's working too hard. Fails. And not warranted as too much oil was added.

DO NOT OVERFILL THE SYSTEM YOU INVALIDATE THE WARRANTY

