



UNIPART RAIL

Product Bulletin No R101

'Oil Carry-Over' Elimination in Compressed Air Systems

Air system contamination in rail-vehicle mounted compressors can lead to compressor or component failure, poor reliability and performance of air related systems such as braking and door systems. The new Unipart Rail 'Gold' Oil Carryover Solution removes carbon particles >25 microns, oil & water thus eliminating failure due to air system contamination.



Carbon Filter Assembly



Build up of carbon on vehicle pipework(left)

Clean pipe-work (right) through using the Unipart Rail Gold solution.



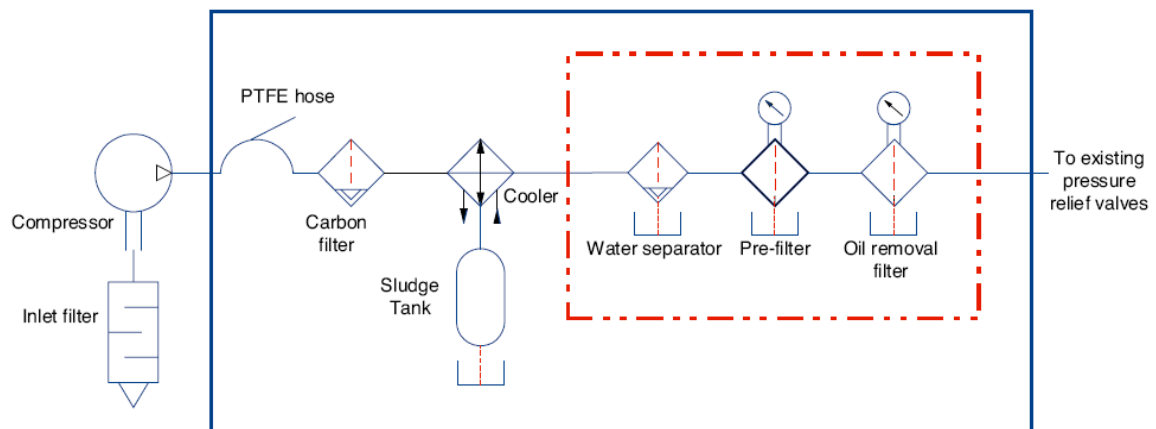
- Elimination of air system related failures due to oil carry-over
- Fully operationally proven
- Approved for use on UK rail vehicles, pending trials on European fleets
- 4 year warranty
- Typically payback within 12 months
- Removal of over 99% of carbon particulates >25 microns.
- Removal of ALL oil droplet and oil vapour to less than 0.01ppm and 99% of water droplets.

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Unique Benefits:

- Provides clean dry air to all systems on vehicle. All filtration is done prior to any system reservoir (gearbox or main) on the vehicle so **NO** contaminants can effect existing systems
- Rapid payback, low ongoing running costs
- Reduces air temperature and therefore reduces the ability of the air to carry water
- Contamination automatically vented to trackside
- No additional failure points are introduced e.g. additional autodrain exposed to contamination
- Can replace existing pipework under vehicle, improving airflow and reducing maintenance time & costs.

Typical installation:



Oil Carry-Over units were successfully trialled on Northern Rail trains.

Available from:
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