

Air System Protector Air Dryer Cartridge with Coalescing Filter

The **WABCO Air System Protector** keeps back oil particles from the air delivered by the compressor thus protecting the compressed air system. Its utilization increases life time of system components and reduces service cost.

Mode of function

The service intervals of commercial vehicles have clearly increased in recent years. At the same time, the demand for higher engine oil quality has grown. Engine oils used nowadays contain large quantities of chemical additives to meet these requirements.

Since this oil is used in compressors of the compressed air brake systems, depending on age and use, small quantities of this oil might enter to the compression space.

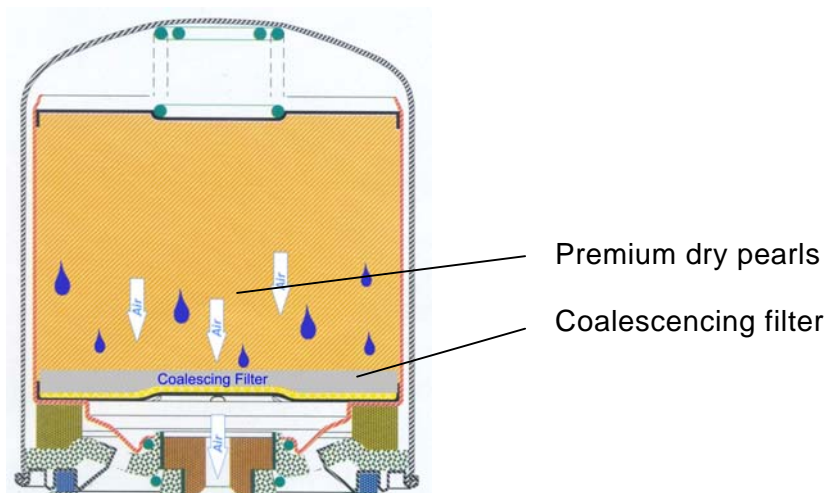
The compression phase of air heats up the compressor and consequently the lubricating oil is thermally loaded. From the additives so called oil crack products and ester compounds develop. These reach in the form of finest oil droplets (aerosols) the compressed air system and sealings e.g. might be destroyed.

In order to protect the braking system reliably from these contaminations, WABCO has developed a new air dryer cartridge, the WABCO Air System Protector with integrated coalescing filter.



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Design of the new cartridge



The coalescing effect merges finest oil droplets into a compact liquid phase, providing an optimized oil separation.

Properties

- New air dryer cartridge with improved oil separation utilizing integrated coalescing filter technology for separation of finest oil droplets (aerosols)
- Based on proved WABCO technology
- Utilizes WABCO Premium Desiccant
- Simply retrofit with exchange of the standard cartridge

Your Benefits

- Protects reliably compressed air system devices from damaging substances
- Increases service life of air and braking system components
- Reduces service costs

Simply Retrofitted

The Air System Protector can be easily exchanged against the conventional cartridge.

Your WABCO partner is most willingly to give you further information to this new product. Just contact us!