

CARTRIDGES À LA CART(E)



AIR DRYER CARTRIDGES FOR EVERY APPLICATION

Proven, powerful and effective



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» Premium Cartridges Portfolio

The right choice throughout a vehicle's entire lifetime

Knorr-Bremse's air treatment systems have real »staying power«: Top quality materials combined with perfectly balanced technology ensure that brakes are always supplied with compressed air when and where needed. The three Knorr-Bremse Air Dryer Cartridges are perfectly harmonized with the system and help to extend the service life of every brake system:

The All-Rounder

Its proven drying performance makes Knorr-Bremse's standard Air Dryer Cartridge the entry level solution for truck applications with a modest air demand.

The Performer

For mechatronic brake systems and those with an elevated or high air demand – and as a consequence, increased oil carry-over from the compressor – Knorr-Bremse's oil-separating cartridge (OSC) offers additional protection for the entire brake system. That makes the Performer the ideal solution in every situation.

The Green One

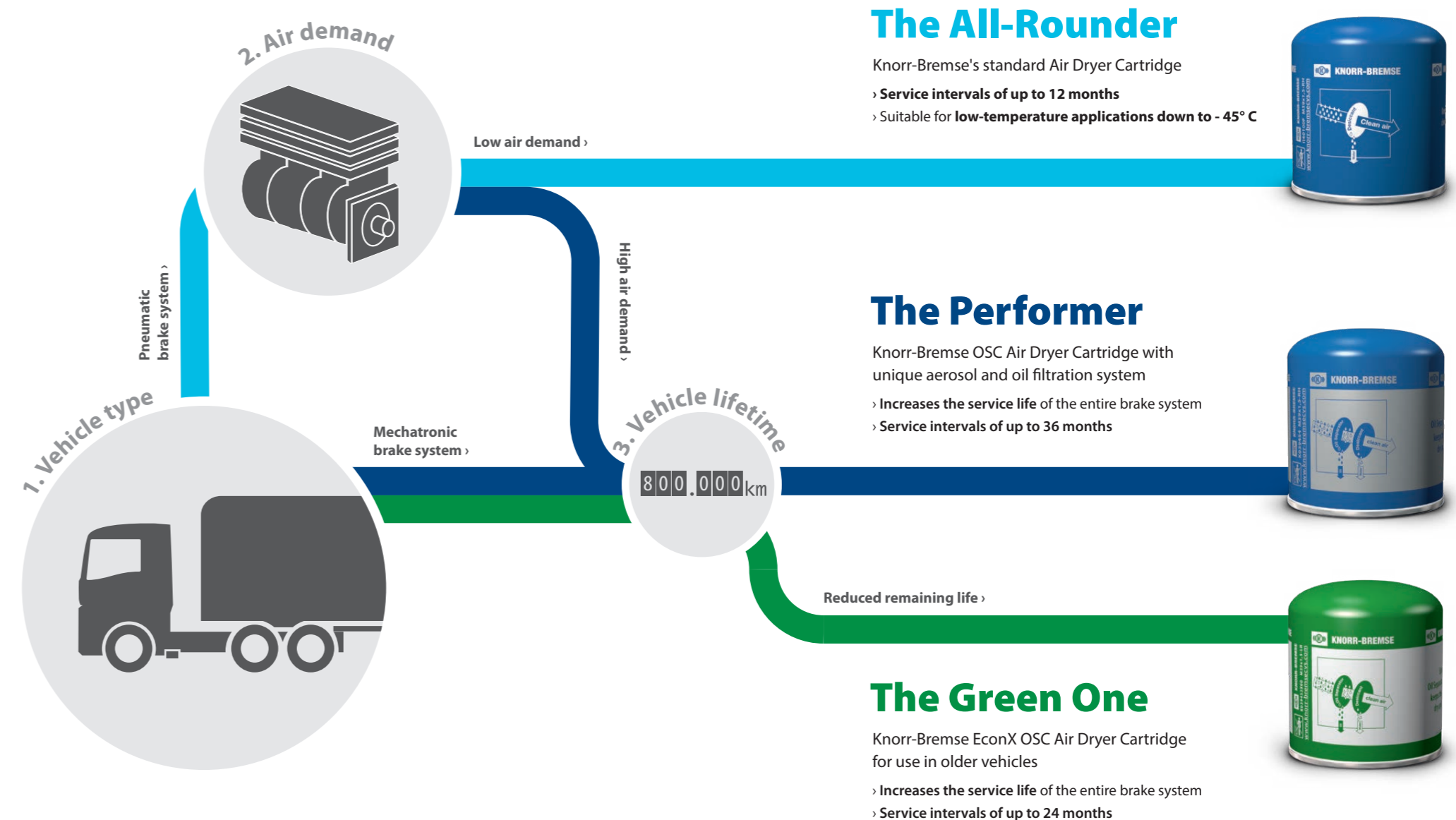
The Knorr-Bremse OSC Air Dryer Cartridge is also available as a genuine remanufactured EconX version: Less expensive than a brand new replacement product and with equal drying performance, but shorter service life, making it ideal for older vehicles.

more than
40 million
Air Dryer
Cartridges
produced

most installed
OE-
manufacturer

brake
systems
supplier

that both develops
and manufactures
Air Dryer
Cartridges



» Oil separating Air Dryer Cartridge

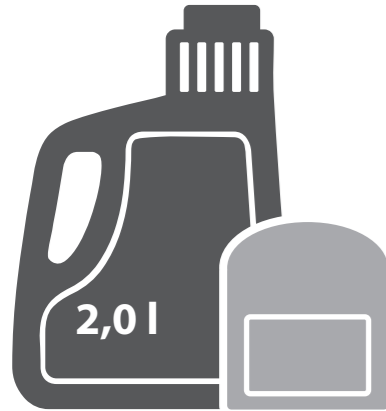
Superior Technology

The problem

Oil residues in the desiccant substantially diminish the drying performance of the Air Dryer Cartridge – and consequently the performance of the brake system over time, which can lead to additional vehicle downtime.

For example: After around 120,000 km, up to 2 liters of oil may have been transferred from the compressor (assuming an oil carry-over rate of 1 g / h), which in the case of alternative Air Dryer Cartridges can lead to the brake system becoming contaminated.

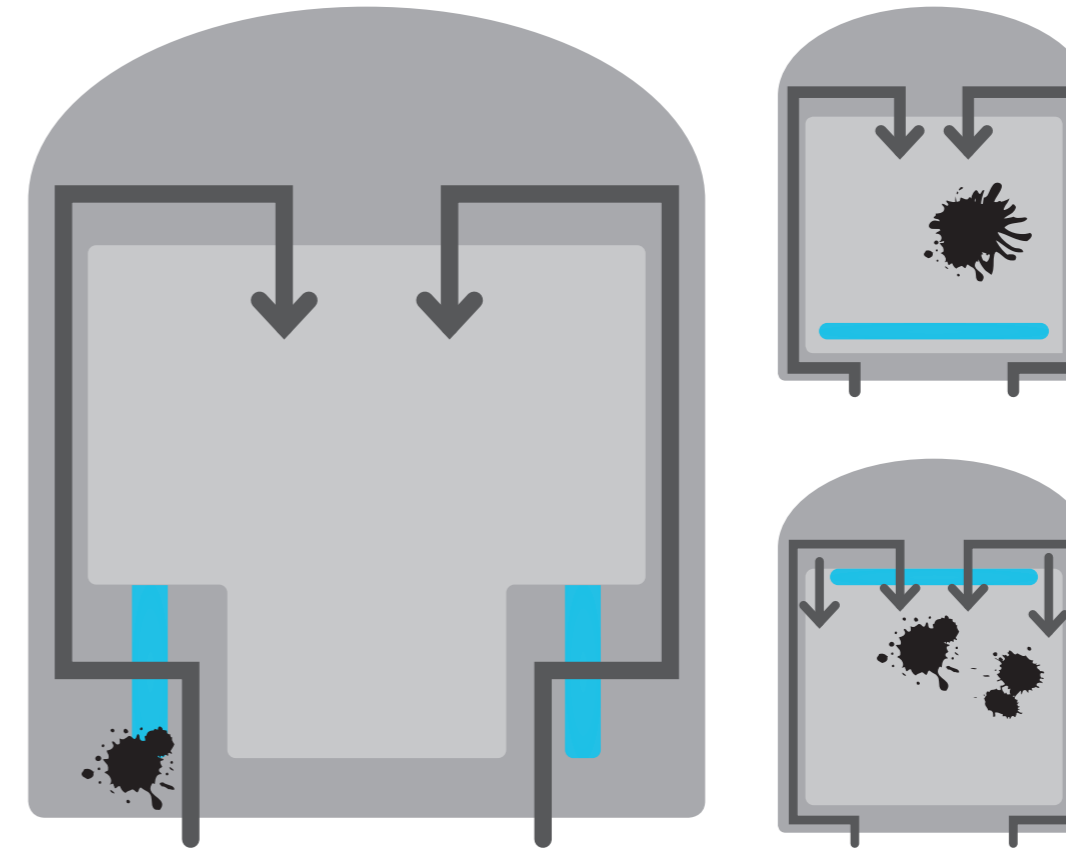
Such contamination reduces the life span of the cartridge, impairs its performance and can lead to the failure of downstream components and thus additional downtime and repair costs.



The solution

In contrast to many of our competitors' products, the Knorr-Bremse OSC Air Dryer Cartridge removes oil and dust particles from the compressed air before it comes in contact with the desiccant. The unique aerosol and oil filtration system prevents even the smallest particles from entering the desiccant, so that the drying performance remains constant over a long period of time.

Manufacturer	Position of the Oil Filter	Protecting the desiccant from contamination	Robustness of the oil filter
Knorr-Bremse	before desiccant	+	+
Competitor A	after desiccant	-	+
Competitor B	before desiccant	-	-



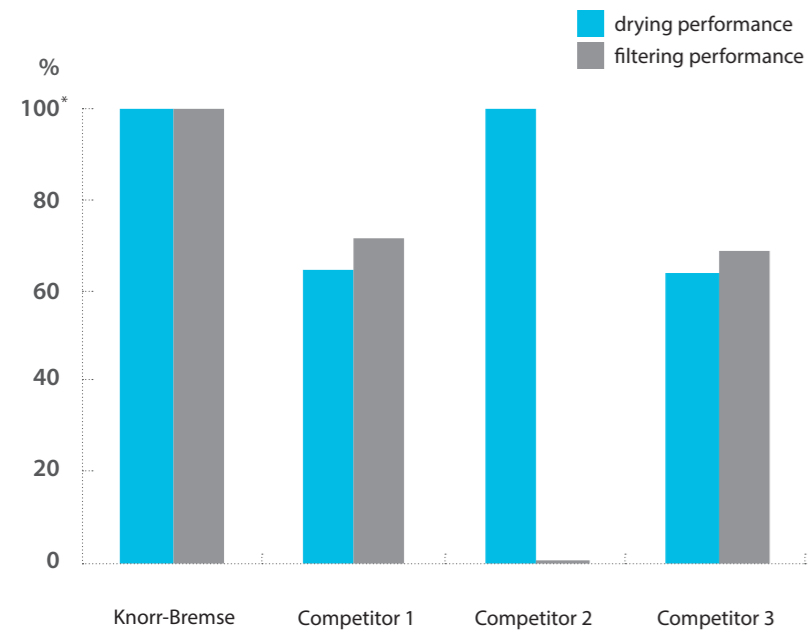
Technology comparison:

Knorr-Bremse cartridge (left) with aerosol and oil filtration system, competitor A with oil filter downstream of the desiccant (upper left) and competitor B with oil filter upstream of the desiccant (lower left).

■ oil filter

The proof

During a functional test on the compressor test bench the OSC cartridges from Knorr-Bremse achieve top results.



* based on Knorr-Bremse reference value

Service New Parts
Air Treatment | [OSC Air Dryer Cartridge](#)

Also available in
EconX version!





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 **HASSE & WREDE**

 **KIEPE ELECTRIC**



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