



CARTRIDGES À LA CART(E)

AIR DRYER CARTRIDGES FOR EVERY APPLICATION
PROVEN, POWERFUL AND EFFICIENT

TRUCKSERVICES 

GENUINE NEW

EconX®

SERVICE PARTS

SERVICES

»I was made for a life on the road. A life for the road and for people. Mile for mile: carrying heavy loads, dangerous loads, always under time pressure. So much that lies behind me, so much I've yet to experience: Cities, highways, interstates, lofty mountains, deep valleys, heat, extreme cold – and I have to perform at all times. Because everyone relies on me: on everything arriving at its destination on time – and my boss getting home safely. After all, that's exactly what I was created for. And that's why I'm packed with top-quality modern technology: a powerful motor, perfectly balanced braking and powertrain systems – everything for a long vehicle life. I am the perfect towing vehicle!«

EVERY VEHICLE TELLS ITS STORY.
KEEP IT RUNNING.

» 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.

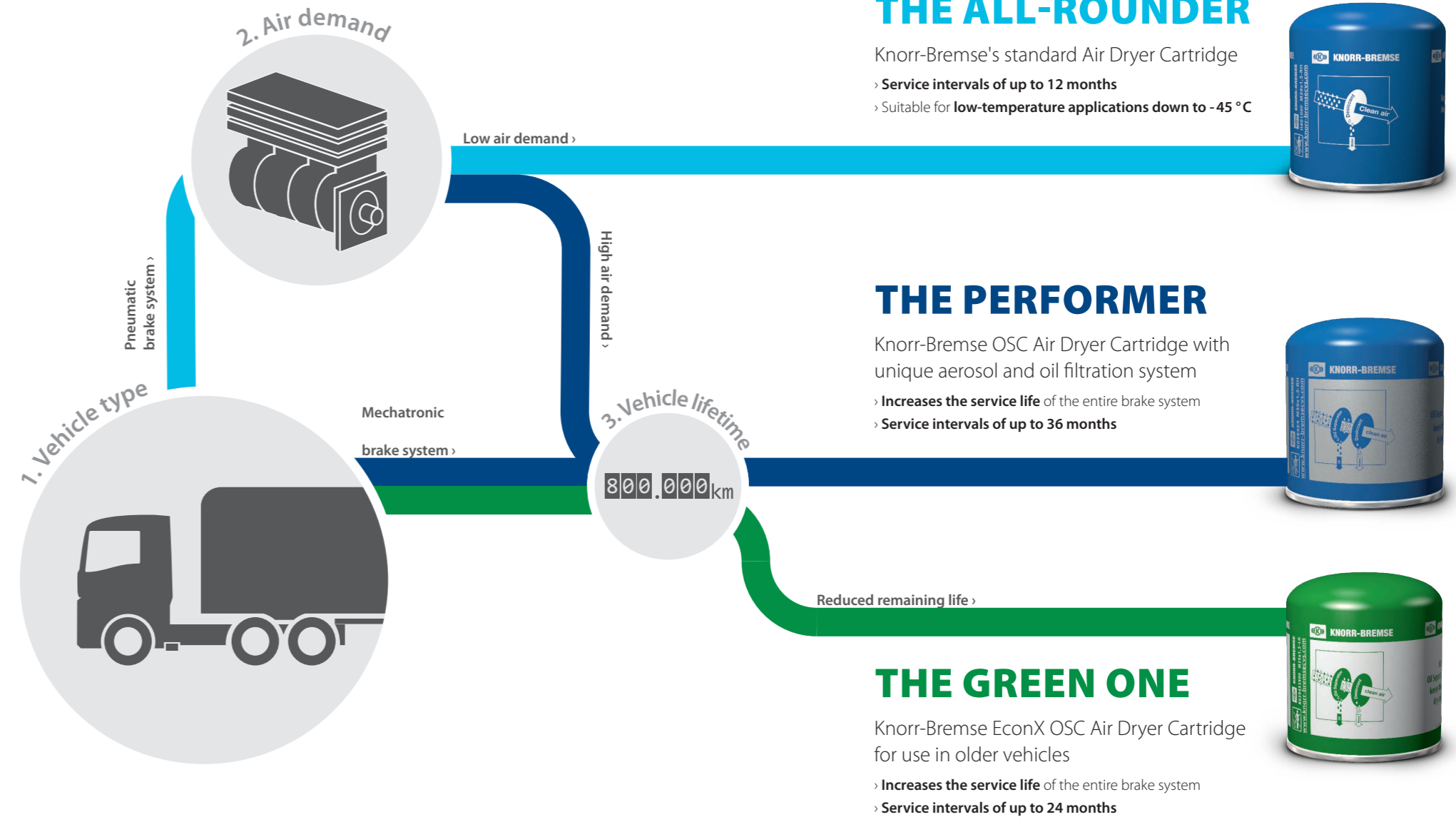
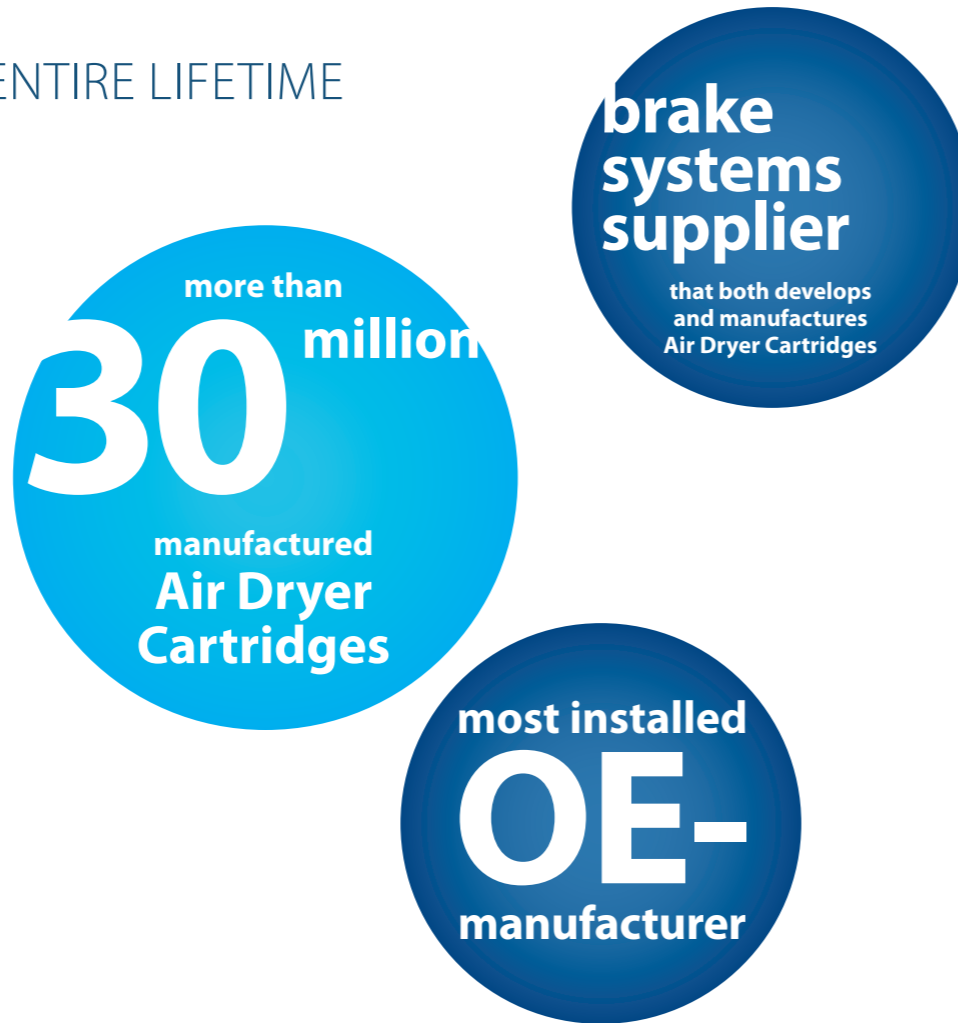
THE PERFORMER

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.

GENUINE NEW | EconX
AIR TREATMENT | AIR DRYER CARTRIDGE



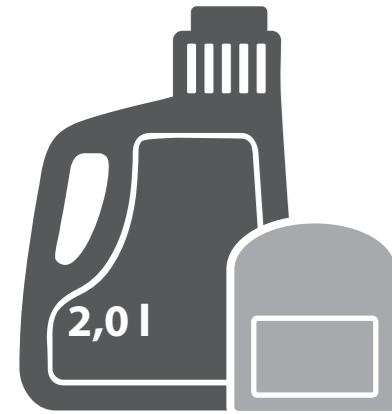
SUPERIOR TECHNOLOGY

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.

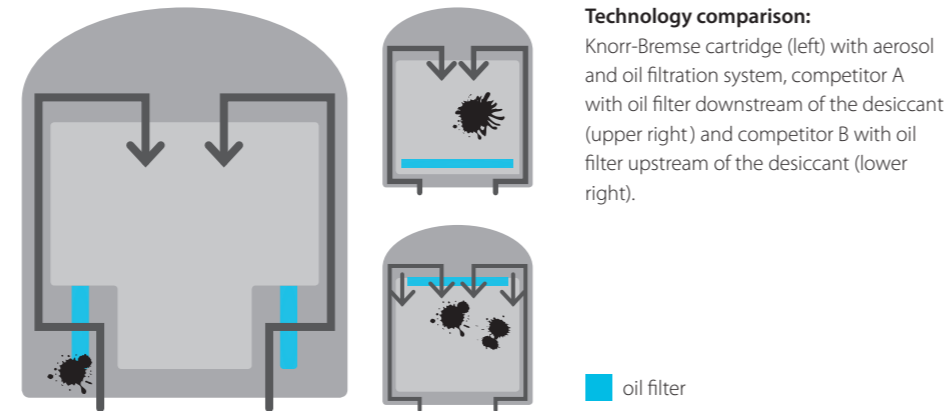
For example: After around 120,000 km, up to 2 liters of oil may have been transferred from the compressor (assuming an oil carry-over rate of 1 g/h), which in the case of alternative Air Dryer Cartridges can lead to the brake system becoming contaminated.

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.

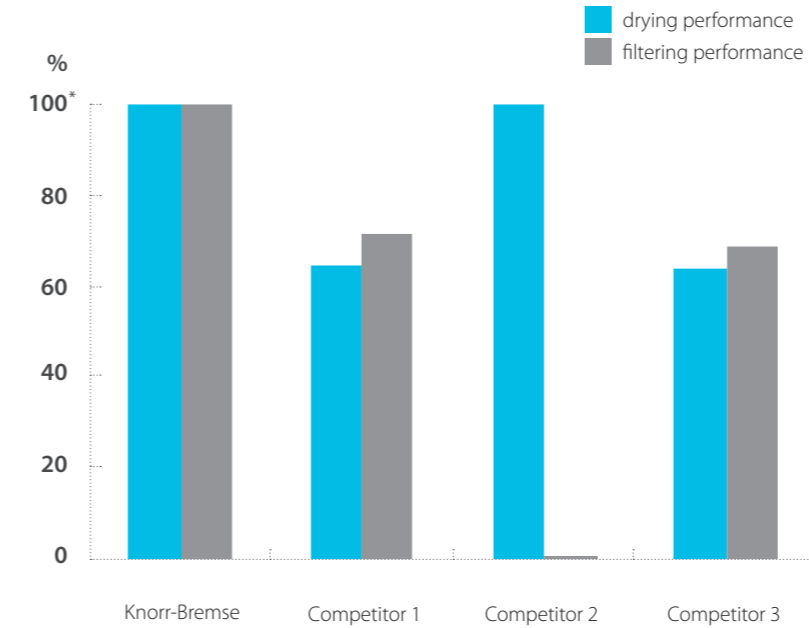


Technology comparison:
Knorr-Bremse cartridge (left) with aerosol and oil filtration system, competitor A with oil filter downstream of the desiccant (upper right) and competitor B with oil filter upstream of the desiccant (lower right).

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	-	-

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

Also available in EconX version!





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Knorr-Bremse Group

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