

A NEW GENERATION OF FILTERS



IN ADDITION TO THE AIR DRYER CARTRIDGE

Air Filters, Cabin Filters, Fuel Filters and Oil Filters from Knorr-Bremse



TRUCKSERVICES

[OE Quality Parts](#)

[Tools](#)

[Fleet Solutions](#)

[Services](#)

» Expanded portfolio

Help has arrived!

Knorr-Bremse has been one of the top names in air drying and filtration for more than 25 years – providing commercial vehicles throughout the world with premium quality Air Dryer Cartridges.

Help has now arrived: drawing on its wealth of experience and extensive expertise in developing products for air treatment and the drivetrain, Knorr-Bremse has expanded its filter portfolio into a comprehensive product range.

We are now able to provide distributors, workshops and fleets with a wide range of Air, Cabin, Fuel and Oil Filters at an attractive price-performance ratio. This reduces the vehicle operating costs without compromising functionality, quality or safety – and there's a filter available for almost every European commercial vehicle application.

Our clearly structured logistic strategy and delivery performance ensure that Knorr-Bremse filters are available quickly. Further, workshops have online access to all relevant technical data and get competent assistance and technical support via our technical hotline.

So that every vehicle gets back on the road again quickly!

Service New Parts
FILTER PORTFOLIO

One of
the European
market leaders
regarding units sold for
Screw Compressors with
integrated Air and
Oil Filters

25 years of
experience
in air drying and
oil filtration

More than
40 million
Air Dryer
Cartridges
produced



Service New Parts
FILTER PORTFOLIO

PURE FUEL, NO PARTI- CLES – FUEL FILTER FROM KNORR-BREMSE.



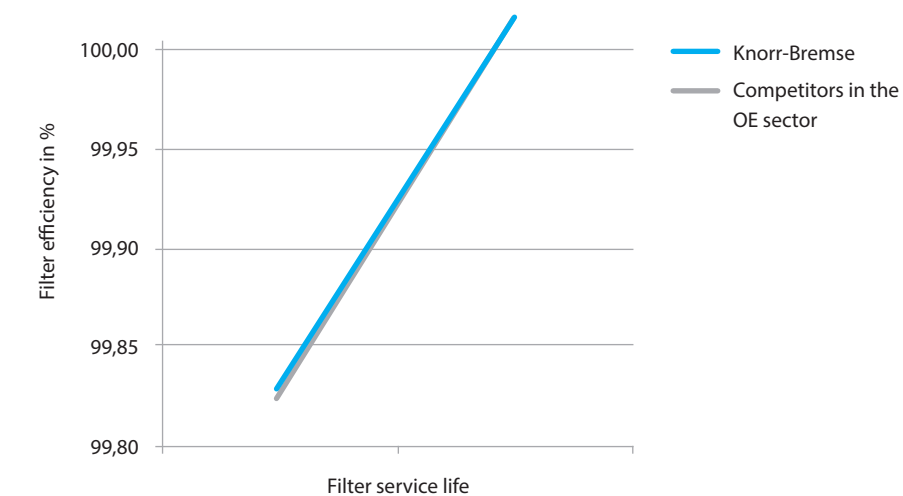
» Our promise of quality

For a long vehicle service life

Knorr-Bremse filters are developed for the tough life on the roads of the world: durable materials, highly effective filter media and a precise fitting for many truck manufacturers' filter systems ensure that every vehicle is optimally protected at any time.

The latest benchmark tests show a comparable quality in comparison to OE components regarding filter efficiency: the high-quality filter media captures even the smallest of particles within gases and liquids and also maintains their structure over a long period of time.

The new range of filters is approved according to the highest standards in the automotive industry. Further, continuous tests ensure that every component meets Knorr-Bremse's high standards of quality at all times.



» Filter material

The best material for the best performance

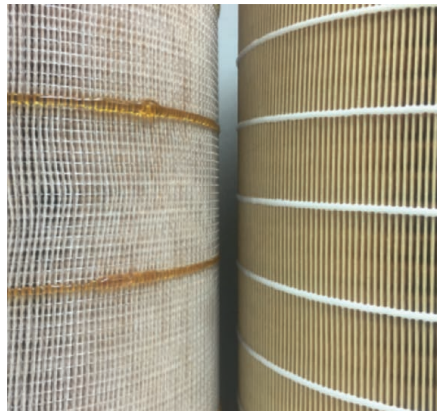
We use only high quality filter media in Knorr-Bremse filters in order to deliver optimal filtering results.

- › using the latest filter materials, e.g. melt blown media to deliver excellent filter performance, optimal air permeability and efficient contaminant separation
- › a special impregnation provides high water resistance, thus ensuring that the filter material remains stable and does not tear even under damp conditions
- › special paper embossing techniques ensure the stability of the pleats and filter
- › uniform pleat structure for optimal filter efficiency
- › excellent chemical resistance

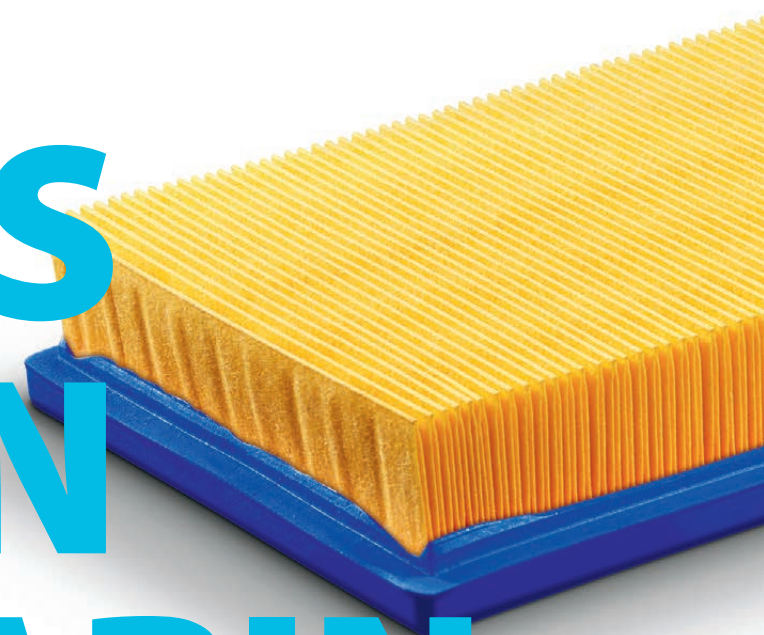


A stable pleat geometry has a substantial impact on the performance of a filter. The fact is, the more exactly spaced the individual pleats are, the better the performance and the longer the service life of the filter.

The pictures on the left show the obvious differences between a high-quality Knorr-Bremse filter and that of a competitor that has substantially lower pleat stability.



THE AIR HAS NEVER BEEN BETTER – CABIN FILTER FROM KNORR-BREMSE.



POWERFUL PROTECTION FOR POWER- FUL ENGINES.



» Air Filters

Lasting performance

A powerful engine is the heart of every commercial vehicle: it gets the vehicle and driver moving – giving them the power needed to efficiently reach their destination in every situation.

In order for the engine to deliver top performance over a long period of time it needs a filter system that protects it against impurities and ensures it receives the required air.

Knorr-Bremse Air Filters remove even very fine particles from the intake air thanks to their stable and high quality filter medium. This protects against engine wear and minimizes the intake noise – at an optimal fuel consumption rate.

Knorr-Bremse's effective Air Filters also help to maintain emission standards that apply to the respective vehicle engines. Additionally, a special impregnation ensures that the filter material is especially durable.

Extended vehicle lifetime

thanks to a reduction in engine wear caused by microparticles

Guaranteed functional performance and air tightness

thanks to precise fitting and robust construction

Environmentally friendly

by helping to maintain compliance with emission standards

» Cabin Filters

The ideal cabin climate on every trip

Stuffy air and unpleasant smells can turn long trips into a real ordeal. In addition to this, exhaust gases, pollen and other impurities pollute the air breathed.

Knorr-Bremse Cabin Filters supply clean air to the drivers cab by reliably filtering out pollen, dust and soot. A combination filter with additional activated carbon prevents additional noxious gases and odors from getting into the cab.

This protects against contamination of fresh air intake, heaters and air conditioning and ensures that the ideal »climate« is maintained in the driver's cab at all times.

Thanks to the constant filtration there will be a cleaner cab without condensation or dirt on the windshield.

Increased well-being

thanks to a reduction of unpleasant smells and moisture

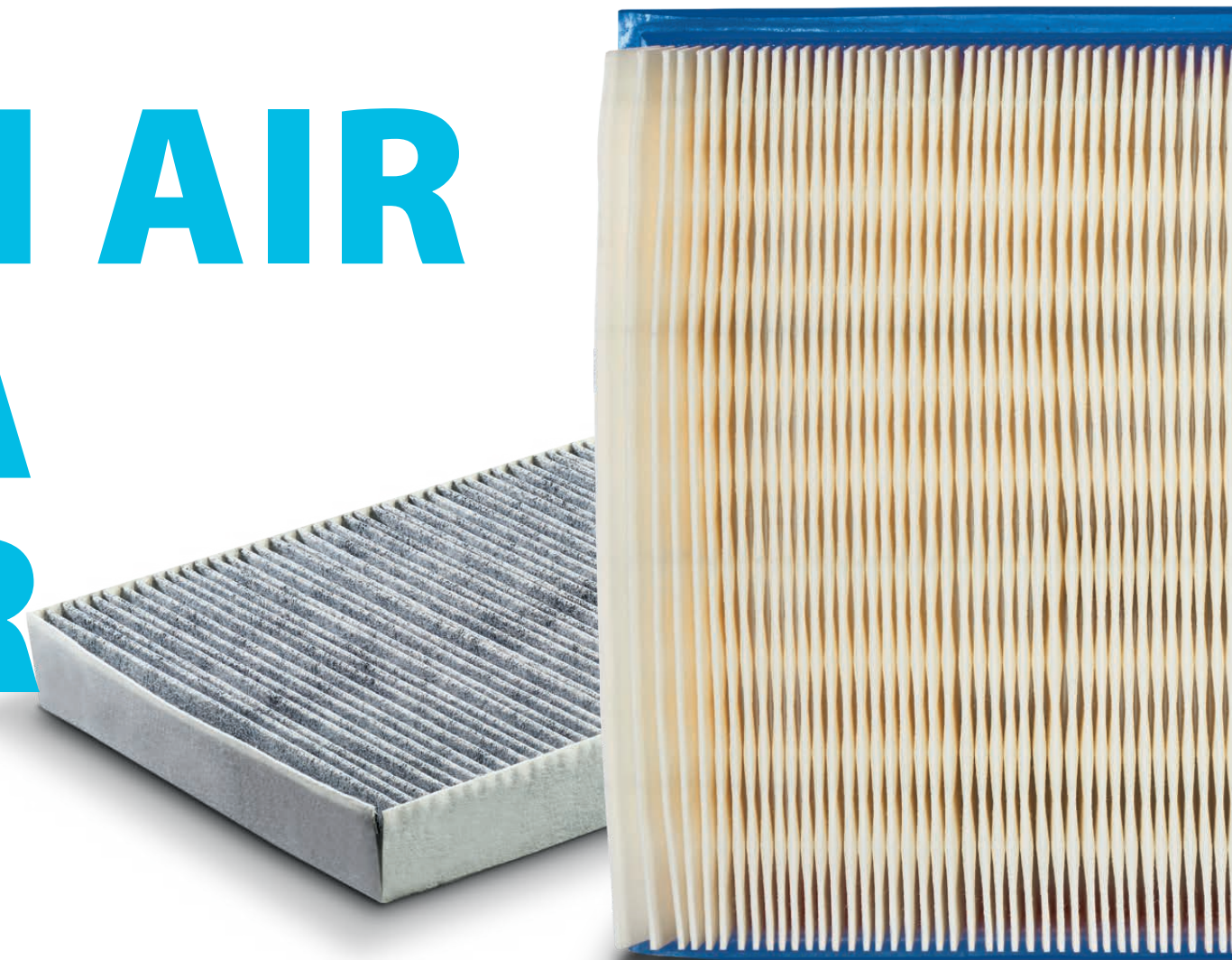
Health protection

thanks to a reduction in harmful exhaust gases in the breathed air and effective pollen filtration

Increased comfort

thanks to a reduction in dust deposits within the vehicle

FRESH AIR FOR A CLEAR RUN.



CLEAN FUEL FOR CLEAN PERFOR- MANCE.



» Fuel Filters

Full power at any time

High-quality fuels are essential for modern high performance engines: this is because a vehicle can only perform properly if the injection system receives a stable supply of clean diesel – over long distances and after many kilometers.

Fuels are subject to variations in quality but can be subject to impurities.

Knorr-Bremse Fuel Filters prevent even the fine particles from entering the injection system and in so doing increase its service life. A special water separation function guards all the components of the fuel system against corrosion damage, thereby avoiding expensive repairs.

The Fuel Filters themselves can withstand the aggressive fuel components and are especially temperature and pressure resistant thanks to the special materials used in their construction.

Improved protection of the engine

against corrosion by minimizing wear through the use of high-quality filter material with a very high absorption capacity

Constant performance

through providing the engine with a stable supply of clean fuel

Extended service life

of the fuel injection system thanks to particle-free fuel

» Oil Filters

Greater performance with less wear

Mechanical impurities and combustion residues that occur in modern engines, such as soot and fine metallic particles, reduce the lubricating properties of oil and damage the engine over the long term.

Knorr-Bremse Oil Filters are particularly effective at removing even small particles from the lubricant, thereby reducing engine wear. The return flow membrane keeps the oil in the filter during maintenance. In addition to this, the bypass valve ensures that all engine parts receive the oil they need under all operating conditions, for example during a cold start.

Furthermore, durable Knorr-Bremse Oil Filters are especially temperature and pressure resistant.

Reduced engine wear

thanks to reduced contamination of the lubrication system

Optimal engine performance

through optimal oil supply to all relevant engine parts under all operating conditions

Outstanding oil tightness

thanks to precisely fitting filters

WELL OILED ON LONG TRIPS.





Knorr-Bremse Systeme für Nutzfahrzeuge GmbH

Moosacher Straße 80

80809 Munich

Germany

Tel: +49 89 3547-0

truckservices@knorr-bremse.com

truckservices.knorr-bremse.com



This publication may be subject to alteration without prior notice. A printed copy of this document may not be the latest revision. Please contact your local Knorr-Bremse representative or check our website truckservices.knorr-bremse.com for the latest update. The figurative mark „K” and the trademarks KNORR and KNORR-BREMSE are registered in the name of Knorr-Bremse AG. Copyright © Knorr-Bremse AG. All rights reserved. Including industrial property rights applications. Knorr-Bremse AG retains any power of disposal, such as for copying and transferring.