

## Spend less time in the shop and more time on the road

When you combine the Bendix® PuraGuard® oil coalescing technology, with the field-proven performance of the Bendix® AD-9®, AD-IS®, AD-IP®, or AD-SP® air dryer, you'll ensure reliability, durability, and the proper performance of today's advanced vehicle systems.



Bendix® AD-IP® Air Dryer - order 065624PG or 109493PGX



Bendix® AD-9® Air Dryers - order 107796PG or 107794PGX



Bendix® AD-IS® and AD-SP® Air Dryers - order 5008414PG



Bendix® PuraGuard® QC Filter - order 5013672



## All oil coalescing air dryers are not created equal

Bendix pioneered commercial vehicle air dryers over four decades ago. And it's been a decade since our first oil coalescing air treatment solution was developed. Trust in Bendix, the company who has been setting the standards in the commercial vehicle industry for nearly 85 years.

- Choose the most experienced air treatment manufacturer in the industry.
- Choose the top performer.
- Choose PuraGuard® oil coalescing air treatment products by Bendix CVS.

For more information refer to the Bendix® PuraGuard® Oil Coalescing Cartridge Application Guide (BW2858), to meet with a Bendix Account Manager, or to arrange a purchase, call 1-800-AIR-BRAKE (1-800-247-2725) or visit [www.bendix.com](http://www.bendix.com) today.

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Bendix® PuraGuard® Oil Coalescing Air Treatment Solutions  
Protect Your Investment



## Bendix® PuraGuard® Oil Coalescing Technology An Investment In Prevention

With the increasing complexity of emission controls, the growth of automated manual transmissions (AMT's) and advanced safety systems, the pressure is on to protect your investment in new vehicle technologies.

Choose PuraGuard® oil coalescing air dryers by Bendix Commercial Vehicle Systems. They're the best in the business, with competitive test data to prove it.

# How much are you willing to risk?

In the past, you didn't need to think too much about your air dryer. You could get by with "good enough." You could simply "wait and see" before committing to advancements like oil coalescing technology.

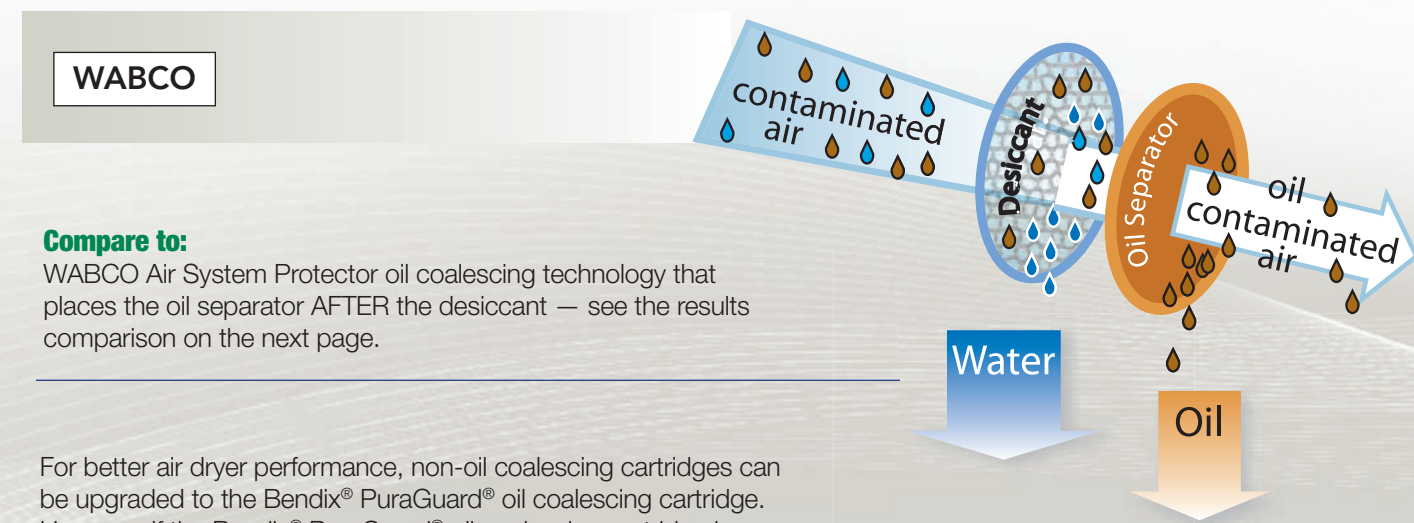
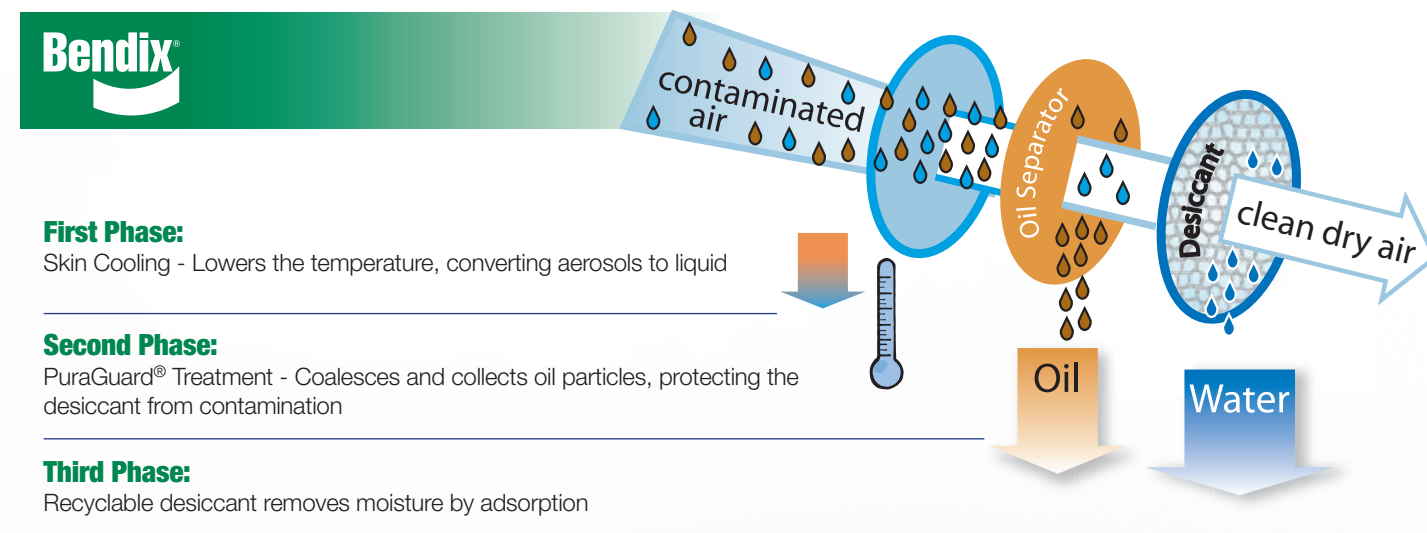
## New demands for air systems.

Whether you're an OE, fleet or owner-operator, you operate in a world of increasingly strict emission standards, increased automation and higher costs of running your business. These technologies have also added complexity to new vehicles which require additional maintenance practices with increased repair costs.

Reduced emissions, improved energy efficiency, increased safety and driver comfort are forcing the trucking industry to adapt an increasingly complex array of advanced technologies. Many of these technologies utilize compressed air supplied and controlled by the vehicle's braking system – including Advanced Exhaust Gas Recirculation (EGR), Selective Catalytic Reduction (SCR), Diesel Particulate Filters (DPF), Automated Manual Transmissions (AMT) and Driver Assistance Systems (DAS). As complexity rises, so does the pressure to protect your investment.

**When air contaminated with oil is sent into these systems, you risk considerably shortening its life and possibly spending a great deal to repair it.**

## Proven Bendix® PuraGuard® Oil Coalescing Technology



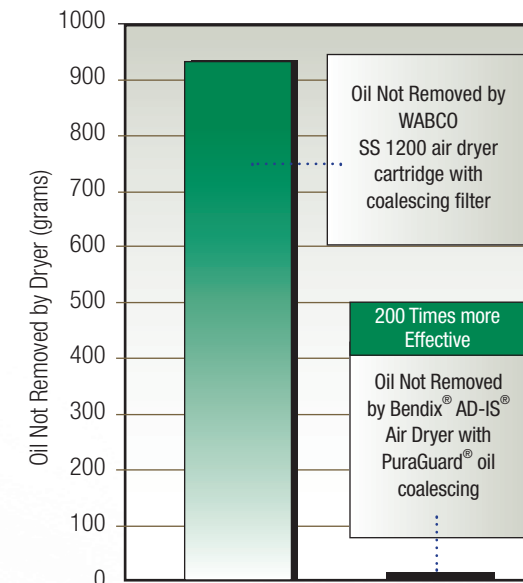
For better air dryer performance, non-oil coalescing cartridges can be upgraded to the Bendix® PuraGuard® oil coalescing cartridge. However, if the Bendix® PuraGuard® oil coalescing cartridge is an OE Standard it must be replaced with a like unit.

# Experience peace of mind with PuraGuard®

Laboratory tests show that Bendix air dryers with PuraGuard® oil coalescing technology significantly outperform the WABCO® SS 1200 air dryer cartridge with coalescing filter.

Key Design Differences			
	Bendix®	WABCO®	Results from using a Bendix® PuraGuard® oil coalescing cartridge
Coalescing media location	Before desiccant	After desiccant	Desiccant oil fouling prevented, moisture removal maximized
Purge air flows through coalescing media	N	Y	Coalescing media life and effectiveness increased

**Oil Coalescing Air Dryer Comparison**  
(Based on 150k miles, 3000 hr operational year, compressors with oil-carry-over of 3.0 g/hr)



**Oil removal of Bendix air dryers with PuraGuard® oil coalescing cartridges vs. WABCO® SS 1200 air dryer cartridge with coalescing filter**

AD-IS® air dryer	200x better
AD-IP® air dryer	30x better
AD-9® air dryer	3x better

## Preventive Maintenance – as easy as 1-2-3

Adhering to a strict preventive maintenance schedule is crucial to keeping a vehicle's air system clean and ensuring superior performance. Depending on vocation, Bendix recommends a 1, 2 or 3 year air dryer cartridge replacement on vehicles equipped with a Bendix compressor. For severe service applications, such as residential refuse trucks or school buses, the air dryer cartridge should be replaced every year or 100,000 miles; for pick-up and delivery operations, or for double- and triple-trailer line haul trucks, every two years or 200,000 miles is the recommendation. Line-haul operations using a single trailer should swap the filter out every 3 years or 300,000 miles. (Recommended intervals for trucks equipped with non-Bendix compressors are 6 months (50,000 miles), 1 year (100,000 miles) and 2 years (200,000 miles), respectively.)

More frequent intervals may be required depending on a vehicle's age, its compressor condition, the operating environment, the vehicle's vocation, and its usage. In conjunction with the guidelines, fleets can determine the functionality of their filters by checking for moisture in the air brake system monthly. If moisture is present, the air dryer cartridge may require replacement. Reference the Bendix Service Data Sheet of the specific air dryer for additional information.

## Is it a PuraGuard®?

To be sure, look for the medallion on the top of the air dryer cartridge or for the PuraGuard® logo on the side.

