

# ALKON NEWS

**Trusted Performance** for pneumatic and hydraulic components designed for industrial and mobile application.



## When Safety Matters Most – Rely on Trusted Performance from Alkon DOT Fittings

Do you know the REAL statistics behind truck crashes in the U.S.? Don't leave safety to chance. At Alkon, our fittings undergo rigorous testing to exceed DOT standards SAE J2494-3 and FMVSS 49 CFR 571.106. Keep both your assets and your customers' assets on the road while protecting your brand reputation with reliable Alkon fittings.

### The Truth About DOT Compliance: What You Don't Know Could Cost You

DOT compliance is more than just a label—it's about safety, reliability, and accountability. Understanding the facts behind true compliance can help you make informed decisions that protect your business and everyone on the road.

#### UNREGULATED

DOT compliance runs on an honor system—no governing body certifies it. Without oversight, subpar fittings enter the market, increasing risks in an industry where **155,000** people are injured in truck crashes annually.<sup>1</sup>



#### ENGINEERED

DOT-compliant fittings are precision-engineered for safety. Brake issues contribute to **45.5%** of truck crashes and appear in **32.7%** of post-crash inspections. The right fittings help prevent failures on the road.<sup>1</sup>



#### COUNTERFEIT

A DOT marking doesn't guarantee compliance. One study found **55%** of crash-involved trucks had mechanical violations, some severe enough to warrant immediate removal from service.<sup>2</sup>



#### RELIABILITY

Imported imitation fittings often lack the precise engineering needed for compliance. Defective brake parts were a key factor in fatal truck crashes, which totaled **5,149** in 2021 alone.<sup>3</sup>



#### FAILED

Some fittings in the U.S. market fail critical DOT tests, putting lives at risk. A single fatal truck accident can cost over **\$3.6 million**—not counting the human toll.<sup>4</sup>



#### TRUST

**72%** of people killed in large truck crashes aren't truck occupants—they're other drivers and pedestrians. Reliable fittings protect fleets and everyone on the road.<sup>5</sup>



#### LIABILITY

From manufacturers to distributors, anyone in the supply chain can be held liable for faulty components. Trucking accident settlements have reached **\$150 million**—true DOT compliance is critical.<sup>6</sup>



SOURCES:  
<sup>1</sup>Federal Motor Carrier Safety Administration, Large Truck and Bus Crash Facts 2021, Published December 2023.  
<sup>2</sup>QSR Law, What Percentage of Truck Crashes Are Due to Brake or Defective Truck Parts? Published December 15, 2023.  
<sup>3</sup>Research & Analytics, 2021 New York City Fire Department Truck Accident Settlements? Published December 4, 2023.  
<sup>4</sup>Robert, Chivvy, U.S. Settlement by Ramsey, Adam, U.S. Truck Accident Statistics for 2021, Robert Ramsey, Updated September 16, 2023.  
<sup>5</sup>QSR Law, What Percentage of Truck Crashes Are Due to Brake or Defective Truck Parts? Published December 15, 2023.  
<sup>6</sup>Federal Motor Carrier Safety Administration, Large Truck and Bus Crash Facts 2021, Published December 2023.  
<sup>7</sup>Robert, Chivvy, U.S. Settlement by Ramsey, Adam, U.S. Truck Accident Statistics for 2021, Robert Ramsey, Updated September 16, 2023.

Looking for DOT compliant fittings?  
Visit our site at [www.alkoncorp.com](http://www.alkoncorp.com)

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## Alkon's XQ-DOT Fittings Solve High-Heat Failures and Restores Reliability to High-Use Emergency Vehicles



A major East Coast metropolitan fire department preferred Alkon's DOT brass fittings for their emergency vehicles but experienced air leaks over time. Relying on their trusted relationship with Alkon, they collaborated to identify the issue, which led to the development of XQ-DOT Fittings designed to withstand extreme temperatures.

**READ MORE**

**Check out this infographic with insightful statistics.**



## Alkon Corporation See the Difference

Check out our latest video to learn more about Alkon Corporation. Did you know Alkon was originally incorporated in 1953 as a pneumatic cylinder company in Hawthorne, NJ, and later relocated to Wayne, NJ? The company started by manufacturing an air-powered, hydraulically controlled drill unit before expanding into a full cylinder product line. Fun fact: the name 'Alkon' comes from an abbreviation of our founder's name, **Al Konviser**.



[Check Out the Video](#)



### Meet Bri Crum, Our Midwest Regional Manager

"My favorite part of working with our customers is establishing strong relationships. I strive to provide my customers with the best possible service by helping them find solutions to meet their needs."

[Learn More About Bri](#)

#### THE ALKON FAMILY OF COMPANIES

