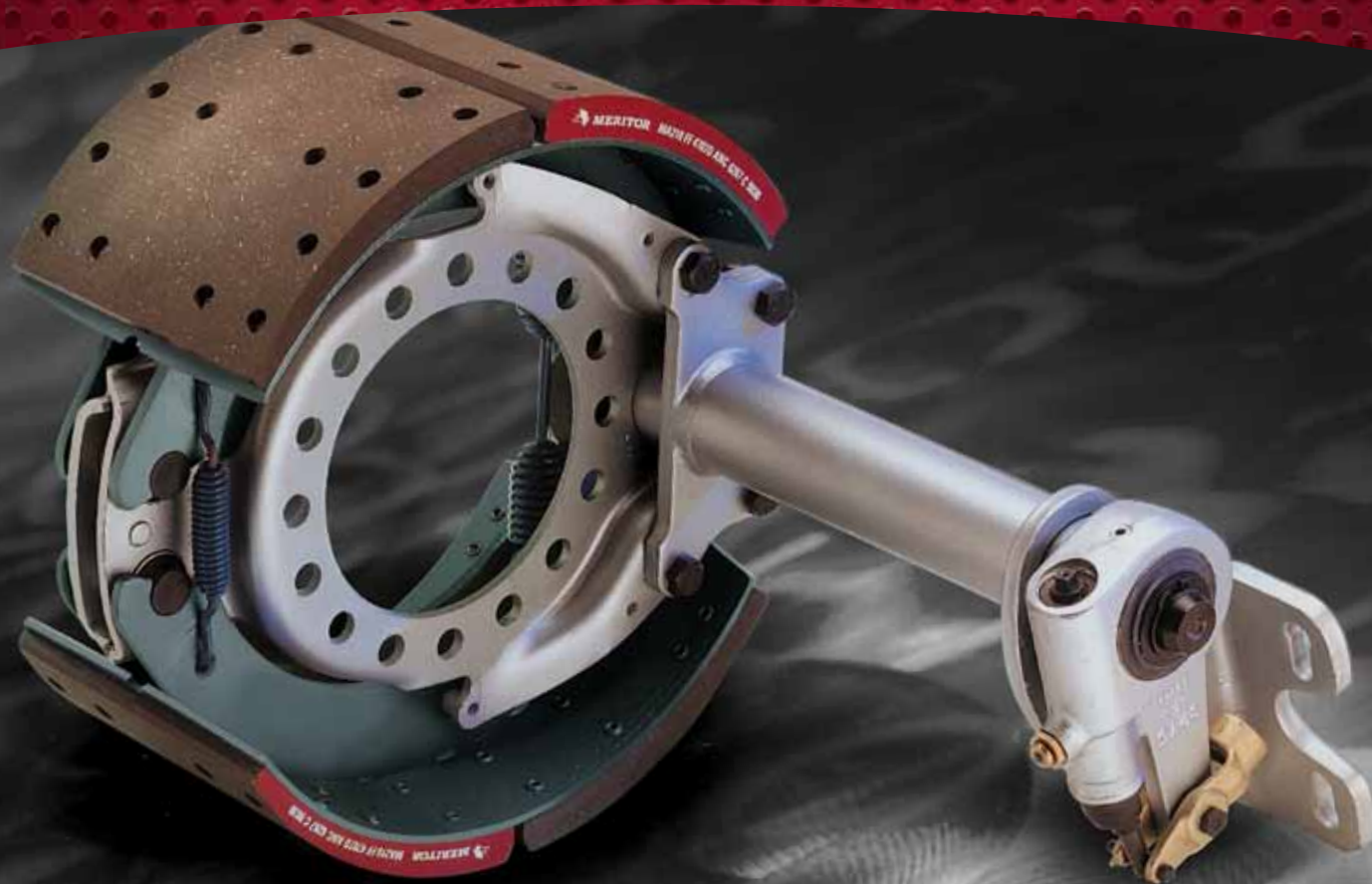




MERITOR®

An **ArvinMeritor™** Brand

Q PLUS™ CAM BRAKES WITH PLATINUMSHIELD™ COATING



“Brake-Through” Technology Solves The Industry’s Rust-Jacking Problem.

Meritor® Q Plus™ Cam Brakes With PlatinumShield™ Coating.

Rust-jacking, caused by corrosive anti-icing road chemicals, negatively affects brake shoe life and increases replacement costs. Meritor PlatinumShield is a chemical-resistant, advanced polymeric brake shoe coating. It provides exceptional resistance to road salts and abrasion, providing protection against rust-jacking. PlatinumShield is unsurpassed in the industry and is backed by a 3-Year/300,000-Mile warranty.

Maximizes Coating Performance.

Applied directly to the new steel brake shoe substrates used in our original equipment Meritor Q Plus cam brakes, PlatinumShield coating technology provides protection against rust-jacking.

As a result, Meritor Q Plus cam brakes with PlatinumShield coating deliver the total braking performance and durability you need.

What Is Rust-Jacking? Why Is It Such A Problem?

- Rust-jacking is a field condition caused by corrosive anti-icing highway chemicals – combined with thawing and freezing moisture that penetrates the brake shoe coating and causes rust to build up on the brake shoe table.



- As rust builds up, it pushes outward against the lining, “jacking” it up between the rivets until the lining cracks.

- Once the lining cracks, it must be replaced – reducing brake shoe life and denying truck operators its full value.



- Rust-jacking is found most often where intense brake heat cannot dry out the shoe table. Typically, this occurs in front shoes.



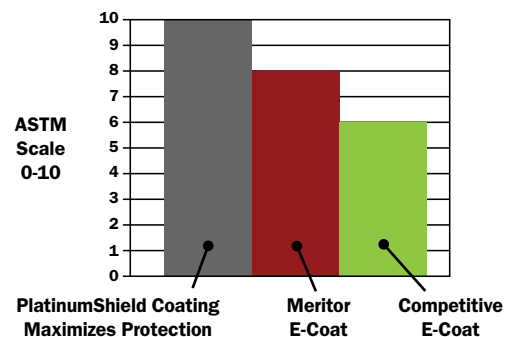
How Did Our Experts Solve Rust-Jacking?

We first took lined brake shoes and subjected them to brake applications on a dynamometer – before we ran them through a salt spray test. So, brake shoes reached the salt spray test with wear and tear that closely approximated actual highway results.

Next, in our ASTM B-117 salt spray test, brake shoes were sprayed with a bath made of modern anti-icing road solvents and salt water for 408 hours.

Of the many coatings tested, we found that PlatinumShield coating prevents micro-abrasions in the metal substrate, so rust-jacking does not occur during the brake shoe’s life expectancy.

PlatinumShield Coating Corrosion Resistance Test Results:



PlatinumShield coating delivers the highest ASTM scale rating of 10, meaning that less than .01% of the surface contained rust.

The testing information presented in this document is for comparison purposes only. The source for all product information is published product literature from the respective companies mentioned. The performance information presented is the result of testing conducted by ArvinMeritor, Inc. All tests were conducted using commercially available products. Products tested were of the latest revision level available commercially as of the date of testing. Tests were conducted using industry-standard methods and protocols. While every effort has been made to ensure the accuracy of the information presented, all information is subject to change without notice.

Q Plus With PlatinumShield Coating Protection.

Proven Stopping Power Against Rust-Jacking.

The industry-leading Meritor Q Plus cam brake is engineered for maximum stopping performance with minimum maintenance. It provides legendary durability that is known for reducing brake system maintenance costs and downtime. And now, the durability that keeps you on the road longer is enhanced with PlatinumShield coating technology that delivers protection against rust-jacking.

Now Available On Q Plus Brakes And Q Plus-Equipped Trailer Axles.

PlatinumShield coating is available on any Q Plus brake configuration. Q Plus brake advantages include:

- Industry-leading, dependable stopping power for trucks, tractors and trailers
- Q Plus high-performance cam brakes that shorten stopping distances
- Proven across a wide range of heavy-duty, vocational and severe applications
- Double anchor pin design for greater stability and longer lining life
- Enhanced camshaft bushing material for exceptional durability
- Available on 15" x 4" and 16.5" x 5" front brakes and 16.5" x 7" and 16.5" x 8.625" rear brakes

You Deserve A Platinum Warranty.

We have such strong confidence in the performance of our Q Plus cam brakes with PlatinumShield coating that we back them with an industry-leading 3-Year/300,000-Mile warranty against rust-jacking. If even one of our OE brake shoes with PlatinumShield coating experiences rust-jacking, we'll replace all of the brake shoes on the axle.



Trailer Axles.

The PlatinumShield coating is available as an option on all trailer axles specified with Q Plus brakes. As the leader in the design and manufacture of trailer components since 1930, ArvinMeritor is the world's largest manufacturer of trailer axles. We offer a wide range of trailer axles to meet the needs of your operation, including axles for bulk and refrigerated transporters, liquid tanks, dry freight vans, platform and dump trailers, container chassis and more.

Want To Solve Your Rust-Jacking Problem? Let's Talk.

For more information, call the OnTrac customer service center at 866-OnTrac1 (866-668-7221) or visit arvinmeritor.com.





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