



Bullseye October 2015

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Product In Focus - MDP 3000 Series Brake Pads

Meritor M520 friction material and features delivers:

- Excellent braking performance in high temperatures over 500 degrees
- Consistent and reliable brake performance
- Lower operating costs
- Reduced levels of disc wear
- North American and European applications
- Sheer strength exceeds the industry standard
- A long life product manufactured to the highest standards
- Supported by the one year/unlimited mileage aftermarket warranty

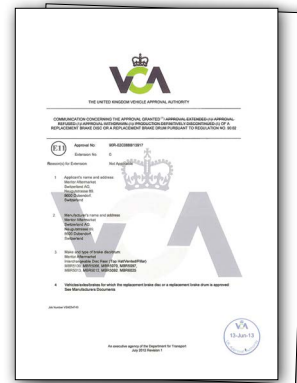


New Identity

With its own new brown box and part numbering sequence the MDP series can be perfectly differentiated from the MDP5000 series of Original Equipment brake pads. The “brown” box and AllFit brand is the new identity of quality for aftermarket brake pads.

ECE R90 Certification

Quality is always at the forefront of Meritor's philosophy. All MDP3000 Series pads are ECE R90 certified, according to the VCA (Vehicle Certification Agency) and ECE R90 requirements.



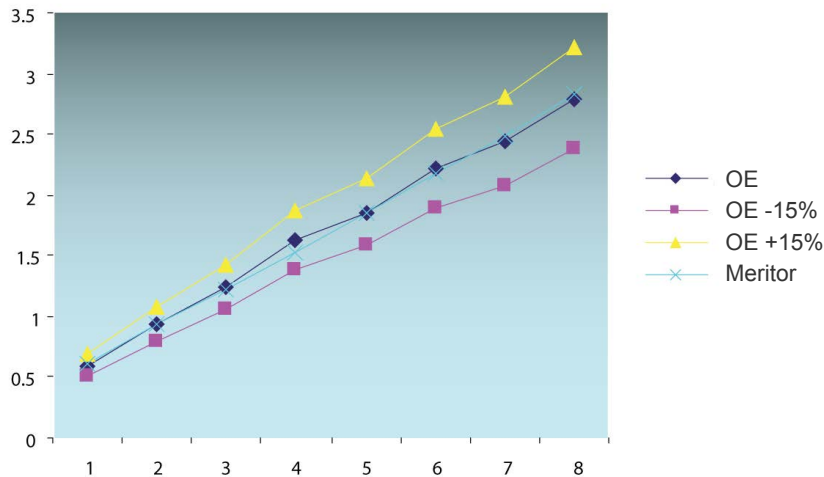


Product In Focus - MDP 3000 Series Brake Pads

New Performance

Not only does the exclusive Meritor M520 friction material featured on the MDP3000 series of brake pads fall within the +/-15% performance requirement for UNECE R90 it also delivers pad and disc wear rates that are close to OE standards. In addition the performance characteristics of M520 are superior to the majority of aftermarket friction materials. As you would expect every pad is UNECE R90 approved but more than that Meritor have tested the pads in many additional aspects than the minimum requirement to achieve UNECE R90.

R90 Performance Graph



Top Selling Brake Pad Sets

Part Number	WVA (Trade Number)	Caliper
MDP3126K	29126	Wabco Pan 19-1
MDP3171K	29171	Knorr SK7000
MDP3087K	29087	Knorr SB7000
MDP3125K	29125	Meritor D Duco
MDP3174K	29174	Meritor Elsa 225-3



New Products & Supersessions

New Products

Part Number	Description
3206E2267	Axle Shaft 14X Short 39.42"
3206G2269	Axle Shaft 14X Long 45.37"

All parts displayed above will be available for immediate ordering. Lead times apply for the listed items. Not all parts are available to Independent Customers. Please contact Meritor Customer Service on (03) 8353 6050 for further information.

Supersessions

Old Part Number	Description	New Part Number
3107U1269	Collar Fin	3107S1397
1228F1722	Thrust Bearing Input	A1228S2255
MSK5002	Pad Wear Warning Kit	MCK1358
MLF7045	Air Spring	MFL8045
MLF7114	Air Spring	MFL8114
MLF7066	Air Spring	MFL8066
17N32401X	Slip Yoke MXL 1710	17N-3-2401X-MXL

For a full list of supersessions, please [Click Here](#).

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Getting Technical - MDP 3000 Series Brake Pads



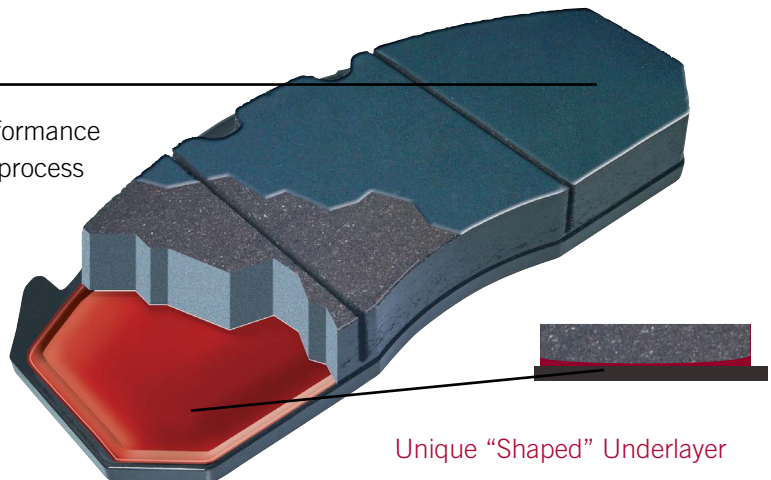
Every brake pad is hard marked "Meritor" to ensure permanent traceability

Manufacturing batch/date code away from caliper contact area to prolong traceability

- Unique MDP3000 part numbering MDP3 + last 3 digits of WVA number "K" suffix indicates fitting kit included
- Exclusive Meritor M520 friction material
- Every pad UNECE90 approved

Specially Developed Initial Performance Coating

- Provides optimum initial braking performance
- Accelerated bedding & conditioning process
- Cleans brake disc surface



Unique "Shaped" Underlayer

- Improved thermal efficiency
- Increased hot & cold shear strength
- Reduced risk of edge separation





Getting Technical - MDP 3000 Series Brake Pads

Testing

Through a combination of internal and independent external testing, conducted in accordance with the ISO15484 protocol and other industry recognised test schedules, a number of aftermarket brake pad materials were evaluated alongside a market leading Original Equipment friction material.

Using the Original Equipment friction material as a benchmark the Meritor M520 material and seven other aftermarket brake pads were tested to extremes of speed, temperature, pressure and deceleration.

Brake pad quality is a question of balance and compromise between brake pad wear, brake disc wear and consistent predictable performance.

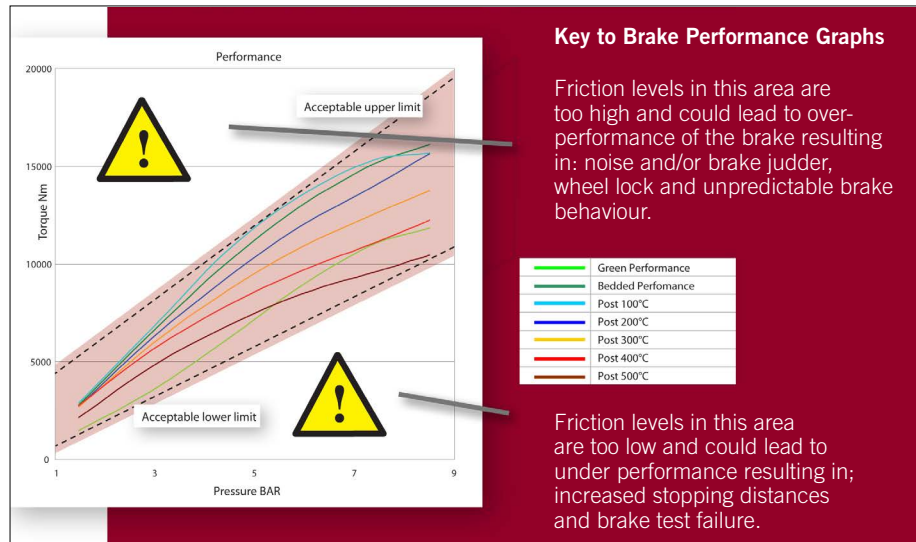
During the extensive testing the Meritor M520 friction material consistently delivered similar levels of brake performance, pad wear and disc wear to the benchmark OE material.

Below are the results of these tests for M520 and six main competitors' materials in terms of brake performance, brake pad wear and brake disc wear.

Often brake pad suppliers claim to deliver "better than OE" brake pad wear but from the test results you will see that although some of the competitor's pads deliver excellent pad wear it is usually at the expense of disc wear and/or brake performance.



The majority of the wear and performance evaluation was carried out independently and impartially by Brake Testing International Ltd UK on behalf of Meritor CVA Europe.



Competitor G

The seventh set of pads were of such poor quality that they didn't even make it to the end of the wear test.

REJECTED

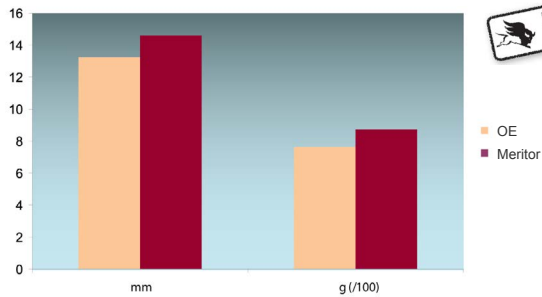




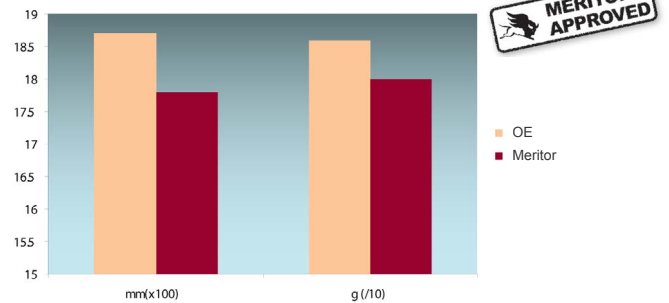
Getting Technical - MDP 3000 Series Brake Pads

Throughout the tests the M520 friction material as used exclusively on the MDP series of brake pads consistently delivered comparable brake pad wear, brake disc wear and brake performance to the OE material even at temperatures in excess of 500°C.

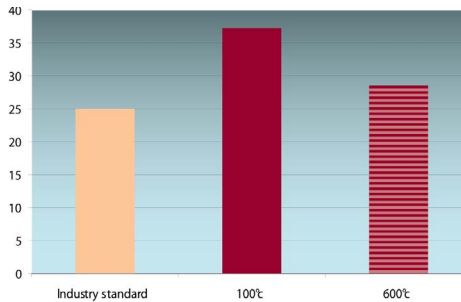
Meritor MDP series delivers pad wear within 12% of the OE



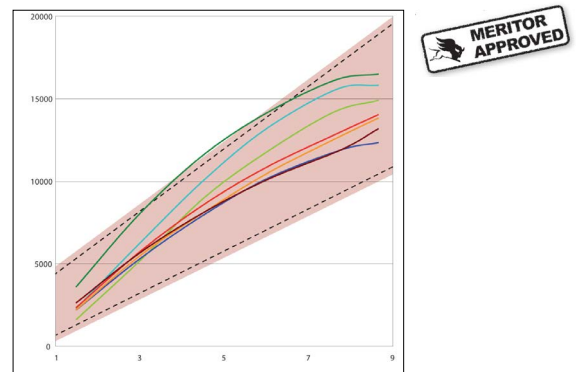
Meritor MDP series delivers better brake disc wear than the OE



Even after being operated at over 600°C the shear strength of MDP series exceeded the industry standard



MDP series performance is equivalent to the Original Equipment Material. In fact the MDP series pads were certified against 7 different OE materials



After more than 6000 brake applications at varying temperatures (up to >500°C) and varying deceleration rates and having considered every aspect of the brake pad including friction performance, pad & disc wear, friction material integrity and friction material to backplate security we finally gave the new Meritor MDP series of brake pads are seal of approval.





Global News -

Meritor Trailer Products Chosen as Standard Equipment by Applied Cryogenic Technologies in North America

Applied Cryogenic Technologies has selected Meritor components as standard equipment on all of its cryogenic trailers.

Standard Meritor components now available on the Houston-based trailer manufacturer's products include MTA™ top- and low-mount suspensions, lift kits, Meritor Tire Inflation System by PSI™, automatic slack adjusters and wheel-ends.

“Meritor’s long history of innovation in suspension and brake technology gives our customers the assurance that they are relying on world-class solutions to everyday problems of safety, performance and running cost,” said Abraham Reyna, Purchasing manager for Applied Cryogenic Technologies. ***“We have always sought to partner with leading component suppliers, and we consider Meritor to be the leader in the commercial vehicle segment.”***

Meritor's leadership in the design and manufacture of trailer components began in 1948. Today, Meritor continues to set the pace for the industry with important new product innovations, according to Bill Wakefield, director of Sales, Trailer Products for Meritor.

“Meritor is pleased to be chosen as a standard supplier to Applied Cryogenic Technologies, a company with a well-deserved reputation for building quality and long-lasting trailers,” Wakefield said. ***“We believe the addition of Meritor’s value-added components will strengthen that reputation.”***

Meritor has produced more than 10 million trailer axles in North America, offering more than 50 different axle models for use in a broad range of trailer applications. The company's comprehensive lineup of sliding tandem and fixed single-axle air suspensions for trailers targets a wide range of customer requirements, such as weight reduction, load protection, added safety and bottom-line improvement during the life of the vehicle. Other trailer product solutions include the Meritor Tyre Inflation System (MTIS™) by P.S.I. with more than 3 million in service today and engineered drum and disc brakes that exceed federal regulations.

Meritor trailer systems and components are backed by comprehensive warranty coverage and service and support from a nationwide network of DriveForce™ professionals.



Employee Profile - Marcel Kunath

Role at Meritor: Supply Chain Manager
Year Joined: 2013

What is your background in Supply Chain Management?

I joined Meritor Australia Aftermarket as Supply Chain Manager in November 2013 after more than a decade of various supply chain roles within television broadcasting, yellow goods, IT support services and retail.

What are your main responsibilities?

The main responsibility of the Supply Chain team is to ensure that the product that is needed by customers is on the shelves, ready to go. A key challenge for my team is balancing estimated future sales opportunities with sometimes unpredictable supply chain hurdles.

What do you like most about your role?

The most enjoyable thing about working at Meritor is the organisation's culture. Meritor instills in its employees that the organisation strives to be the best it can be. The guiding principle is 'less talk, more action'. People are given full accountability over their areas of responsibility and freedom to use their time and tools as they see fit to satisfy the customers' needs.

How does your work impact on the relationship between the customers and sales?

The success of a Supply Chain Manager depends not only on technical expertise but also on a willingness to understand & follow up on customer requirements. Meritor has the best engineered, highest quality parts to offer to the market. This, along with excellent delivery performance, provides the sales team with immense goodwill from our customers.

What are your interests and hobbies outside work?

Meritor is a workplace where "work hard - play hard" is reality. Despite the demands placed on the Supply Chain team, the support from my team and the rest of the organisation allows me to pursue many personal interests such as my volunteer work in the community, physical exercise and reading. What am I reading? I challenge my mind to remain observant and tolerant to uncertainty by reading about impossible and improbable things. Nick Bostrom's "Are You Living in a Computer Simulation?" is a good example: <http://www.simulation-argument.com/simulation.html>





Advertising

Look out for our ad on brake pads in the next edition of Big Rigs.
For more information on our comprehensive range of Meritor AllFit Brake Pads, please contact your local Meritor Representative or call Customer Service on 03 8353 6050.



Tired of frequent downtime with inferior brake pads?

Choose Meritor brake pads when only the best will do.

- Excellent braking performance, reduced operating costs and wear.
- ECE R90 Certified
- Fitting kits with every pad set
- Comprehensive range

MDP3171K
M520
90R - 01752/6489
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For more information on Meritor's comprehensive range of brake products, please contact your local sales representative or call customer service on 03 8353 6050 or visit www.meritorpartsonline.com

