MBC

Marathon Brake Combination

A combination semi-metallic and organic brake block engineered for severe duty applications

BEST IN CLASS

Marathon

BRAKE SYSTEMS

MBC

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Marathon developed its combination brake block to be the industry leader in lining life and stopping power. Featuring our proven Heat Star organic and semi-metallic materials, MBC linings handle the high heat commonly found in severe duty applications like coal hauling or refuse collection. MBC easily meets Federal regulations for brake effectiveness, fade and recovery in accordance with FMVSS 121 test procedure and is rated for 23,000 lb axle loads.

MBC linings feature the Hi-Density Marathon formulation (detailed at right) that will improve your bottom line through better performance and fewer maintenance headaches.

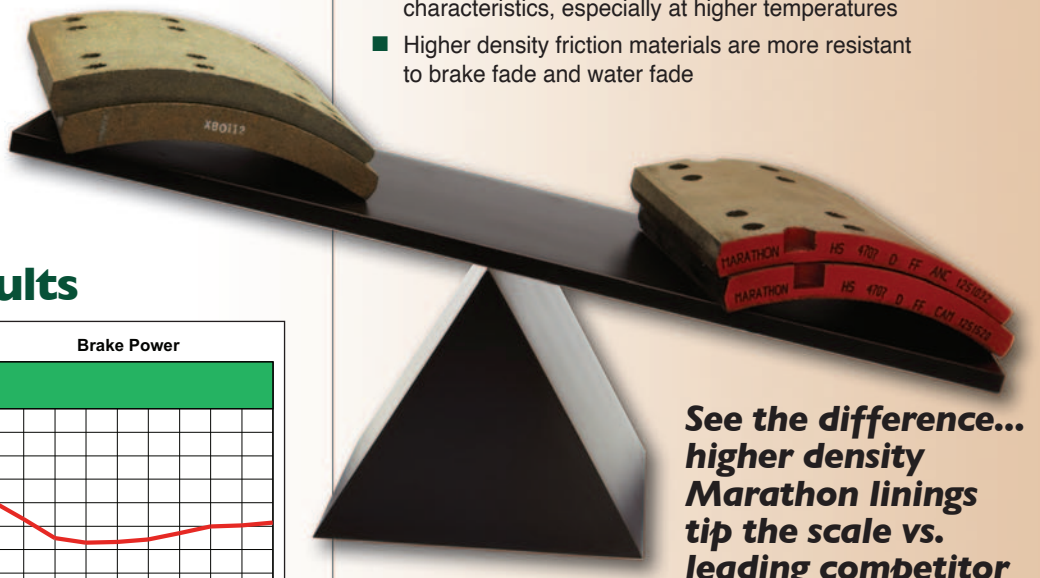
MBC Delivers

- Ideal for severe service truck applications
- Longest lining life in its class
- Hi-Density formulation for excellent heat dissipation
- Dependable stopping performance
- Excellent brake fade and recovery characteristics
- Extremely drum friendly

Hi-Density Friction

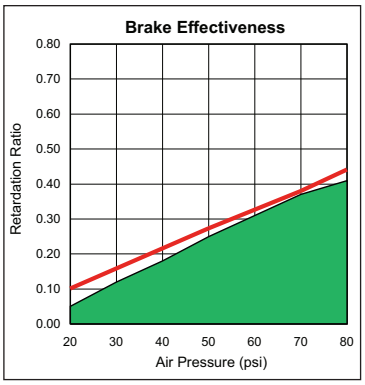
One of the most significant design characteristics of any heavy duty brake lining is its density. When higher quality and heavier raw materials are used in a lining's formulation, it creates a higher mass in the block or stated another way, higher density. Truck brakes are designed to convert the energy of a moving vehicle into heat energy. A higher density increases the lining's ability to efficiently handle heat, and is the most critical component in a friction material's fade, recovery and wear.

- Higher density friction materials have the ability to hold more heat energy and therefore more efficiently dissipate the heat
- Higher density friction materials have stronger structural integrity, making them less likely to crack in service, while riveting or due to rust jacking
- Higher density linings exhibit significantly better wear characteristics, especially at higher temperatures
- Higher density friction materials are more resistant to brake fade and water fade



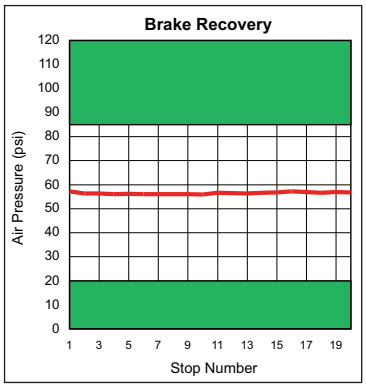
See the difference... higher density Marathon linings tip the scale vs. leading competitor

FMVSS 121 Test Results



Retardation

Fade



Recovery

Testing conducted in accordance with FMVSS 121 criteria @ 23,000 lb axle load: 16 1/2 x 7 inch S-cam air brake; type 30 air chamber and 5.5 inch slack adjuster; and a 20.7 inch tire rolling radius. Shaded area indicates non-compliance.

ISO 9001 CERTIFIED
ISO 14001 CERTIFIED

The Marathon Advantage...
Feel the Difference

Marathon BRAKE SYSTEMS

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Spec Sheet # MBC AHA 4/24 1M Printed in U.S.A