

PRODUCT INFORMATION LETTER #671




Date: April 16, 2019

Subject: Reduced Copper Content Brake Friction Linings

Models: All Meritor EX+™ Air Disc Brake Systems

In 2010, the states of California and Washington enacted legislation that requires brake pads sold or used in their states to have reduced levels of copper and other heavy metals.

The legislation is laid out in three phases. The first phase which is currently in effect requires labeling and classification of all pads according to their copper and heavy metal content. The second phase requires copper levels to be reduced to a maximum of 5% copper content by January 1, 2021. The third and final phase is to reduce copper content to a maximum of 0.5% by January 1, 2025.

| | | Copper | Cadmium | Asbestos, Cromium, Lead, Salts, Mercury | |
|---|-----------------------------------|----------|---------|---|--|
|  | Required Date: January 1, 2014 | No Limit | ≤ 0.01% | ≤ 0.1% | All vehicle manufacturers must certify that their pads contain no asbestos. This friction level is referred to as "A" Type and is indicated by the one darkened leaf on the icon. |
|  | Required Date: January 1, 2021 | ≤ 5% | ≤ 0.01% | ≤ 0.1% | All vehicle manufacturers must certify that their pads contain no more than 5 percent by weight of copper. This friction level is referred to as "B" Type and is indicated by the two darkened leaves on the icon. |
|  | Required Date: January 1, 2025 | ≤ 0.5% | ≤ 0.01% | ≤ 0.1% | All vehicle manufacturers must certify that their pads contain no more than 0.5 percent by weight of copper. This friction level is referred to as "N" Type and is indicated by the three darkened leaves on the icon. |

Meritor is releasing brake lining materials that comply with the third phase, or 2025 legislation, for all customers in the United States and Canada.



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Legislation will require the elimination of the following brake lining materials from the Meritor offering:

- MA703
- MA707
- MA708
- MA721
- MA741
- MA761

OEM's will need to identify an appropriate replacement lining before June 2020. In order to begin the validation process, OEM application engineers should contact their Meritor account representative to request data and materials needed to conduct the required validation testing.

If you have questions, contact OnTrac at 1-888-668-7221 (OnTrac1) for assistance or your DriveForce representative. Additional product and service information is also available through Literature on Demand at www.meritor.com/lod.

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