

# TECHNICAL BULLETIN

## INTRAAX®/VANTRAAX®

**SUBJECT:** HXS® Brake Packages

**LIT NO:** B77

**DATE:** April 2000

**REVISION:** A

Hendrickson extended-service brakes (HXS® brakes) are available for INTRAAX® and VANTRAAX® suspensions in these sizes: 16½ inches by 7 inches and 16½ inches by 8⅝ inches. HXS brake linings offer 27 percent more lining material than the standard brake lining on the 7-inch brakes and 58 percent more lining material on the 8⅝- inch brakes. The brake linings available are Abex 3030-197 for 20,000-pound applications and Abex 931-162 for applications requiring a higher brake rating of 23,000 pounds.

You can easily retrofit existing INTRAAX and VANTRAAX units with new HXS brake shoes, hardware, and s-cam. This retrofit is possible because the brake spider is in the same location for both the Hendrickson standard and HXS brake packages.

### INTRAAX brake drum compatibility: in-line shoe design versus offset shoe design<sup>1</sup>

The 16½-inch by 7-inch wide HXS brakes use the same drum as the standard brakes. However, the 16½-inch by 8⅝-inch, in-line shoe-design HXS brakes do not use the same drum as the older, non-HXS style 16½-inch by 8⅝-inch offset shoe design. The following drums are currently available and compatible with Hendrickson HXS 8⅝-inch wide brakes:

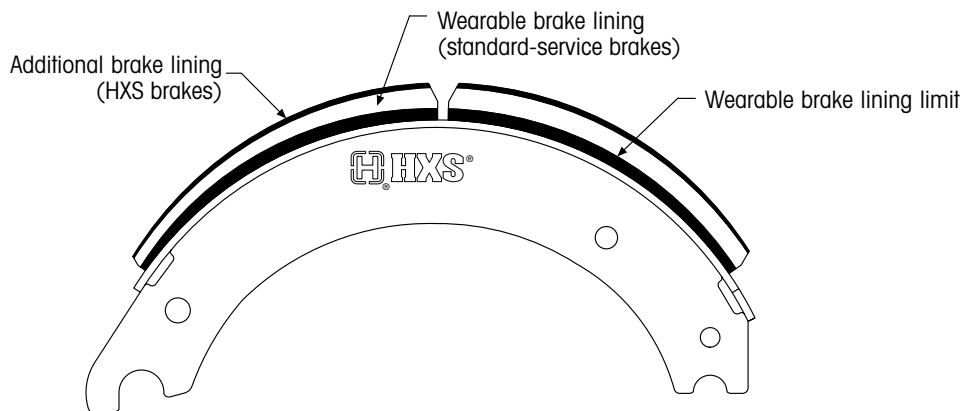
CAST		
	In-Line Shoe Design	Offset Shoe Design <sup>1</sup>
Dayton-Walther <sup>2</sup>	<b>85-123570-002</b>	85-123406-002
Webb	<b>66854B</b>	66834
Gunite <sup>2</sup>	<b>3807</b>	3779

FUSED-SHELL	
Dayton-Walther	53-123544-002

<sup>1</sup>The offset shoe is an early design and is no longer available.

<sup>2</sup>Currently, Hendrickson does not offer this drum.

For more information about the HXS brakes package, contact your Hendrickson Account Representative.



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