

Press Release

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Voith Rail Service for High-Speed Trains

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The operator Great Western Railway in Great Britain has contracted with Voith to provide service maintenance for the very prestigious high-speed train (HST) Class 43 in the South-West of England.

Re-commissioned in 2003, the high-speed train Class 43 series was fitted with a Voith cooling system which is now due for its second major overhaul. Voith carried out the first general overhaul of all the 134 cooling systems four years ago. Class 43 are diesel-electric-driven high-speed trains capable of reaching speeds of up to 200 km/h in day-to-day operation.

Great Western Railway and Voith utilise a float of cooling systems to maintain service obligations during the overhaul program that is to be completed at Voith's Service Centre in Greenford. All components are cleaned and inspected using original NDT methods with standard wearing parts renewed. Finally, the cooling system is reassembled and undergoes a function and tightness test on Voith's test bench prior to delivery.

The Voith Turbo Ltd Service Centre is a dedicated service workshop that looks after all rail products, including couplers, electrical boxes, cooling systems, highly flexible couplings, transmissions and gear units. Voith Turbo Ltd is also able to overhaul non-Voith products, including couplers and cooling Systems.

Voith sees its Service Centre as an extremely important site for sales and service for rail vehicle components. Voith Rail Service employees apply their expertise on a daily basis and not only restore the quality and reliability of the components during maintenance but also further develop and improve them.

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Page 2 of 3



Caption 1: Voith cooling system for British high-speed trains (HST) Class 43.



Caption 2: British high-speed train (HST) Class 43 with Voith cooling system.



Caption 3: Assembly of the cooling system for high-speed trains (HST) Class 43.

Voith Turbo, a Group Division of Voith GmbH, is the specialist for intelligent drive solutions and systems. Customers from highly diverse industries such as oil and gas, energy, mining and mechanical engineering, ship technology, rail and commercial vehicles rely on advanced technologies from Voith Turbo.

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Voith sets standards in the markets energy, oil & gas, paper, raw materials and transportation & automotive. Founded in 1867, Voith employs more than 39,000 people, generates € 5.3 billion in sales, operates in over 50 countries around the world, and is today one of the largest family-owned companies in Europe.

Page 3 of 3

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