

First choice for service

Future locomotive maintenance will be flexible depending on their individual mileage and service period.

Berlin, 21 September 2022 ‘Without service, the quality of products is only half as good,’ emphasizes Nico Lindstädt, Head of Service with Vossloh Rolling Stock. With this in mind, the service philosophy of IMATEQ is based on interactive networking – within the European organization with its regional hubs as well as with the Service Engineering of Vossloh Rolling Stock in Kiel. ‘With our close links to the know-how of the new vehicle development department and our many years of comprehensive problem-solving expertise, we always want to be a competent contact for our European customers and their “first choice” for maintenance work of all kind, spare parts, ECM responsibilities, wheelset work, accident repairs or approval issues,’ continues Lindstädt.

For a safe and reliable railway traffic in Europe, the IMATEQ service companies attend to and accompany the portfolios of their customers – across national borders and of course in compliance with the requirements for ECMs. Today, more than 400 locomotives are maintained on various ECM levels each year, and over 120 locomotives are in the responsibility of different ECMs. Since customers seldomly have a homogeneous fleet, the offering naturally includes the servicing of rail vehicles of other manufacturers. In response to the current global supply bottlenecks, the storage areas at the locations are sized depending on the demand in the relevant country. The stocked buffer of replacement parts shortens the throughput time while certified spare parts are procured ECM-compliant from the central warehouse in Moers.

Transition into the digital age

With the introduction of the new Modula locomotive variants, the digital opportunities offered by a smart locomotive are fully exploited in the daily collaboration with the operators also on the service side. The processes and the entire vehicle documentation become fully transparent. What is more, in case of trouble, an interactive service team will in future be able to connect to the locomotive to ensure a speedy root cause analysis and identification of possible solutions, working together with the virtual back office of the fleet management, the engineering department or the supplier. At the same time, the evaluations of the sensor data facilitate workshop management. ‘The principle of a use-based upkeep lays the foundation for a predic-

tive maintenance and a reliable vehicle deployment planning,' concludes Lindstädt. Moreover, the utilization of the "wear reserve" results in lower maintenance costs.

Through a permanent optimization of the traction technologies, application-specific adaptations of the operating parameters or the installation of further developed assemblies, IMATEQ not only ensures a universal network access but continuously improves the efficiency, environmental friendliness and ease of operation of the vehicles in service.

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Vossloh Rolling Stock

With the move under the umbrella of the parent company CRRC ZELC in 2020, Vossloh Rolling Stock opened a forward-looking chapter in its history. This strong combination lays the foundation for a significant extension of our product range and an even faster acceleration of technological innovations and sustainable concepts. We benefit from economies of scale in the production and from investments in our manufacturing and service capacities. Today, we cover the entire value chain of a locomotive – from the locomotive design and engineering via the platform production in a highly modern manufacturing process through to customized service with all ECM capabilities.

As one of the leading locomotive manufacturers in Europe and a company rich in tradition with more than 150 years of expertise in building locomotives, Vossloh Rolling Stock is committed to sustainable mobility – with far-sighted and resolute action, in constant dialogue with our customers. The formula for success that customers from all areas – be they national railways, lessors or industrial and private railway customers – rely on is a traction that is exactly geared to the requirements. Our focus has always been on extremely cost-efficient, robust and user-friendly solutions for all transport jobs in shunting and line service. With our technological innovations and our resource-saving manufacturing and service processes we always set standards in our industry. What sets us apart is that in the cooperation with our customers and partners, we always take a decidedly personal Business-to-Human approach.