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## **REINTJES equips Italian ferries with modern propulsion technology**

REINTJES is working flat out on a green future for maritime propulsion technology. This is precisely why the Hameln-based company is gradually adding hybrid and all-electric marine gearboxes to its own product range.

"On the one hand, we will revise our tried-and-tested gearboxes with regard to electric drives and hybridization. On the other hand, we want to develop new products for future drive technologies," says Managing Director Klaus Deleroi.

### **Exciting project**

An exciting project shows that this traditional company is not just talking about the future, but is also actively helping to shape it. Since the third quarter of 2022, REINTJES has been building gearboxes for Liberty Lines.

Liberty Lines is one of Italy's leading ferry companies. It specializes primarily in fast passenger transportation. Liberty Lines, headquartered in Sicily, serves a total of 31 ports in Italy, Slovenia and Croatia. As the ferries also pass through sensitive natural areas during their journeys, some of which are even part of the UNESCO World Heritage Sites, there is a plan to reduce the environmental impact - namely by a technical renewal of its own fleet.

This is where REINTJES comes into play, producing a total of 18 hybrid transmissions for nine Italian ferries each with a capacity of 250 passengers and a maximum speed of 30 knots. . These transmissions are the only hybrid transmissions in the world in this power range, and are equipped with a compact and highly efficient permanently excited electric motor. This is driven by a gearbox PTI/PTO and an angular offset .The first two of which have already been installed. "The hybrid performance of these transmissions is relatively high. The ferries can therefore also run purely electrically", Klaus Deleroi cites this as a huge operational advantage.

### **Pooling expertise in Italy**

For REINTJES, however, part of its future is already playing out in Italy. The company recently opened a joint competence centre for hybrid and electric drives in shipping with its long-standing sales partner Alberto Amici.

This joint venture is called REINTJES Hybrid Power S.r.l. (RHP) and is based near Milan. "With this foundation, we want to participate even more in the growing trend in the field of electric

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and hybrid drive systems," says Deleroi. And the REINTJES boss emphasizes: "At RHP, we are relying on a specialized team with application and engineering expertise whose knowledge focuses on the new hybrid and electric drive systems in order to bring them to market faster."

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