

Elgi's workhorse make inroads into Thailand



When it comes to international projects, Elgi is increasingly focusing on offering the right solution for different regional requirements. On the one hand, specific technological requirements have to be met and, on the other, products should be capable of operating in different environmental conditions in which they will be used.

This requirement is clear in the case of Railway compressors that Elgi now supplied to State Railways of Thailand (SRT), meeting international standards. The compressors are also well adapted to use in hot and sandy conditions.

The TRC 1000 BS model compressors are specially designed for application in diesel multiple units of the SRT. Each wagon in the diesel multiple units is driven by a 321 HP Cummins engine. The compressor is fitted under the wagon and will derive its power from the diesel engine through a belt drive. The compressor will provide increased reliability for braking systems and a reliable source of compressed air for accessories including wiper and horn and for door operation in AC compartments.

After successful completion of one year of trials, the SRT awarded Elgi a supply order of 8 numbers of the compressors through its distributor. Elgi won this order amidst intense competition from the world's leading manufacturer of braking systems. The compressor supplied has an operating pressure of 7 bar, delivering free air at 870 lpm. It offers maximum customer benefits that include low noise and vibration levels, long service intervals, very low oil carry over, high levels of operating safety, easy serviceability and reliable operation in extreme ambient conditions.



For five decades, Elgi's railway compressor has been used for air brake application in electric and diesel locomotives. The performance of this compressor is appreciated by Indian Railways, and it is referred to as a workhorse model. As a long term partner of the Railway industry, Elgi offers custom-made solutions for greater efficiency and safety. The company's global presence, with its extensive network of dealers, enables it to focus on customers' needs in a wide range of countries with differing climates and conditions.

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