

Production of High Durability Compressors that Halve CO₂ Emissions Begins**~Started supplying to the top truck manufacturers in North America~**

We are pleased to announce that we have succeeded in developing a compressor with high durability specifications that is environmentally friendly and reduces CO₂ emissions to 1/2 of conventional compressors, and that it was launched in January 2024 at Sanden Vikas (India) Private Limited (SVL), our subsidiary in India. This product will be supplied to top class truck manufacturers in North America and other large vehicles such as trucks.



SDV Compressor



SVL (India)

The SDV compressor that is now in production is called an oscillating plate variable displacement compressor, and is an internally variable compressor that controls the discharge capacity by detecting the state of refrigerant pressure in the air conditioning system with a sensor inside the compressor.

Heavy-duty vehicles require high durability to run long distances, but there is a growing need to reduce CO₂ emissions in response to sustainability. To meet these needs, we have improved the conventional oscillating plate type variable displacement compressor to reduce CO₂ emissions by half while maintaining high durability.

In our new medium-term management plan, we have set a policy to respond to the diversifying needs of the market by efficiently utilizing our existing assets for products for conventional internal combustion vehicles. SVL has produced 1.1 million SDV compressors in fiscal year 2023, and plans to increase this figure by 100,000 with the start of mass production.

We will continue to contribute to a sustainable global environment by innovating conventional technologies and supplying products with superior

environmental performance, while promoting business growth based on the new medium-term management plan.

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