

Research Report on Global and China's Automotive Radiator Industries, 2019-2023

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Abstracts

DESCRIPTION

The automotive radiator is one of the most important parts of the automotive engine cooling system. Its performance directly influences the heat dissipation and dynamic performance of the automotive engine, reliability and even driving safety. With the expansion of global new energy vehicle market, the radiators for new energy vehicles is growing rapidly in both number and market size.

According to CRI, in the context of economic globalization and fierce competition in the automotive industry, to minimize production costs and enhance international competitiveness, the world's major automakers have been accustomed to purchase parts worldwide. Since China joined the WTO, China's automotive radiator industry has been growing rapidly. On one hand, the steady growth of global automotive parts market promotes the export of China-made automotive radiators. On the other hand, the fast development of China's automotive industry boosts the demand for automotive radiators. China had been the world's largest automobile producer and seller for nine consecutive years from 2009 to 2018. The production volume of automobiles in China was only 13.79 million units in 2009 while it reached about 27.81 million units in 2018; the automobile reserves in China were less than 80 million units at the end of 2009 while it reached 240 million units in 2018, which showed exponential growth.

Although both global and domestic automobile production shrank in 2018, global automobile reserves are rising, and global automotive radiator market are expanding.

According to CRI, in 2018, the production volume of automotive radiators in China was about 62.81 million units, about 23 million units of which were exported. China's

automotive radiator market is fiercely competitive, with at least 500 manufacturers. However, most of the automotive radiator manufacturers in China are small-sized enterprises. High certification requirements shut most domestic automotive radiator manufacturers out of the OEM market. The target markets of most Chinese automotive radiator manufacturers are domestic and overseas aftermarkets.

The main raw materials for automotive radiators are metals such as copper and aluminum. The price and performance of raw materials have a large impact on the quality, manufacturing costs and performance of automotive radiators. From 2016 to 2019, the prices of aluminum and copper fluctuate in China. To hedge the risks from volatile raw material prices, large automotive parts manufacturers tend to sign long-term cooperation agreements with suppliers.

CRI expects that from 2019 to 2023, global and China's automobile reserves will keep increasing and the production and sales volumes of automobiles will also rise. The increasing automobile production will drive the demand for automotive radiators on the OEM market. And global car owners' demand for automobile maintenance will promote the development of automotive radiators on the aftermarket. As China-made automotive radiators have cost advantages on the global market, the export volume of automotive radiators in China will continue to increase from 2019 to 2023. In addition, global production and reserves of new energy vehicles will certainly increase sharply from 2019 to 2023, and the number and average price of the radiators for new energy vehicles surpass those of the radiators for fuel vehicles, which will boost the growth of global automotive radiator market.

TOPICS COVERED:

Analysis on development environment for the automotive radiator industry

Analysis on global and China's automotive parts industries

Supply of and demand for automotive parts

Costs of automotive radiator production

Analysis on export of automotive radiators in China

Price trends of raw materials for automotive radiators

Major automotive radiator manufacturers in China and other parts of the world

Driving forces and market opportunities for the automotive radiator industry from 2019 to 2023

Threats and challenges to the automotive radiator industry from 2019 to 2023

Prospect of the automotive radiator industry from 2019 to 2023

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