

Automotive Light Commercial Vehicle Green Tires Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Tire Type (Radial, Bias), By Demand Category (OEM, Replacement), By Region & Competition, 2021-2031F

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Abstracts

The Global Automotive Light Commercial Vehicle Green Tires Market will grow from USD 18.26 Billion in 2025 to USD 30.51 Billion by 2031 at a 8.93% CAGR. The Global Automotive Light Commercial Vehicle Green Tires Market consists of specialized tires engineered with advanced compounds, such as silica-enriched rubber, designed to minimize rolling resistance and thereby reduce fuel consumption and carbon dioxide emissions for commercial vans and pickup trucks.

Key Market Drivers

Implementation of stringent government emission and fuel economy regulations serves as a primary catalyst for the Global Automotive Light Commercial Vehicle Green Tires Market. Legislative bodies are enforcing tighter carbon dioxide thresholds and standardized performance ratings, compelling fleet operators to adopt low rolling resistance tires that ensure compliance. This regulatory pressure drives manufacturers to innovate advanced compounds capable of meeting these rigorous efficiency tiers.

Key Market Challenges

The high production costs associated with advanced tire technologies present a fundamental barrier to the expansion of the light commercial vehicle green tires market. Manufacturing these specialized tires requires the integration of silica-enriched rubber and complex bonding processes to ensure safety standards like wet grip are maintained

while reducing rolling resistance. These intricate production requirements inevitably result in a higher retail price point compared to standard tires. For fleet managers operating with strict budget constraints, the premium pricing of green tires often outweighs the theoretical benefit of long-term fuel savings, leading them to favor lower-cost conventional alternatives during procurement cycles.

Key Market Trends

Integration of IoT-Enabled Smart Sensors for Fleet Management is rapidly transforming the sector by shifting the value proposition from passive rubber components to active, data-driven maintenance solutions. Operators of light commercial vehicle fleets, particularly in high-frequency last-mile delivery, are increasingly deploying tires equipped with embedded sensors to monitor real-time pressure and temperature. This digitalization allows for predictive maintenance that minimizes downtime and optimizes fuel efficiency, a critical factor given the tight margins in logistics.

Key Market Players

Bridgestone Corporation

Continental AG

Michelin Group

Apollo Tyres Limited

Yokohama Tire Corporation

Goodyear Tire & Rubber Company

Pirelli & C. Spa

Toyo Tire Corporation

MRF Limited

CEAT Limited

Report Scope:

In this report, the Global Automotive Light Commercial Vehicle Green Tires Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Automotive Light Commercial Vehicle Green Tires Market, By Tire Type:

Radial

Bias

Automotive Light Commercial Vehicle Green Tires Market, By Demand Category:

OEM

Replacement

Automotive Light Commercial Vehicle Green Tires Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Automotive Light Commercial Vehicle Green Tires Market.

Available Customizations:

Global Automotive Light Commercial Vehicle Green Tires Market report with the given

Automotive Light Commercial Vehicle Green Tires Market – Global Industry Size, Share, Trends, Opportunity, and...

market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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