

Global Automotive Hydraulic System Market Size Study, by Component (Brakes, Steering, Shock Absorbers) by Vehicle Type (PC & LCV, MDV & HDV), and Regional Forecasts 2022-2032.

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Abstracts

The Global Automotive Hydraulic System Market was valued at USD 47.40 billion in 2023 and is projected to grow with a compound annual growth rate (CAGR) of 3.20% from 2024 to 2032, reaching a market size of approximately USD 70.22 billion by 2032. Automotive hydraulic systems play a pivotal role in modern vehicles by using fluid mechanics to transmit power and motion. These systems are integral to components such as brakes and power steering, enhancing vehicle safety and performance through efficient control and responsiveness. Automotive hydraulic systems are instrumental in ensuring effective and reliable vehicle operations. The hydraulic brake systems, known for their precision and responsiveness, are preferred for their ability to deliver consistent braking force, crucial for emergency braking scenarios. These systems are appreciated for their smooth, gradual application of braking force, contributing to a comfortable driving experience and enhancing overall vehicle safety.

The market's expansion is significantly driven by the rising demand for commercial vehicles, which necessitates efficient transportation of goods. As international trade intensifies, the demand for trucks and other commercial vehicles grows, supporting global supply chains. E-commerce's surge further fuels the need for delivery vehicles, propelling the commercial vehicle sector's growth. Investments in infrastructure and urbanization trends also contribute to the increased utilization of commercial vehicles, fostering market growth. Despite the promising growth, the market faces challenges from alternative systems such as steer-by-wire and electro-mechanical braking systems, which offer precision control and integration with advanced driver assistance systems. However, the reliability, effectiveness, and cost-efficiency of hydraulic systems

ensure their sustained demand in the automotive sector.

The key regions considered for the Global Automotive Hydraulic System Market study include Asia Pacific, North America, Europe, Latin America, and Middle East and Africa. Asia-Pacific continues to dominate the Automotive Hydraulic System Market, driven by robust economic growth and rising disposable incomes. The region's expanding middle class and increasing consumer spending translate to higher demand for passenger vehicles. Additionally, the integration of advanced automotive technologies and significant investments by global manufacturers further boost the market in this region. Moreover, North America is projected to register the fastest growth as Automakers are heavily investing in electric vehicle (EV) and battery manufacturing facilities, emphasizing vertical integration to streamline the development and production processes. This approach aims to minimize production bottlenecks, reduce costs, and enhance supply chain resilience. These favorable conditions for automotive production are poised to drive significant market growth in the future.

Major market player included in this report are:

ZF Friedrichshafen AG

FTE Automotive Group

Warner Electric LLC

Robert Bosch GmbH

JTEKT Corporation

KYB Corporation

Nexteer

Hitachi Astemo Ltd.

Roberto Nuti SpA

MZW Motor

Continental AG

Schaeffler Group

Aisin Seiki Co., Ltd.

DENSO Corporation

Brembo S.p.A.

The detailed segments and sub-segment of the market are explained below:

By Component

Brakes

Steering

Shock Absorbers

By Vehicle Type

PC & LCV (Passenger Cars & Light Commercial Vehicles)

MDV & HDV (Medium & Heavy-Duty Vehicles)

By Region:

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Rest of Europe

Asia-Pacific

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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