

Automotive Hydraulics System - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Automotive Hydraulics System Market is accounted for \$32.08 billion in 2017 and is expected to reach \$59.99 billion by 2026 growing at a CAGR of 7.2% during the forecast period. Rising sales of off-highway vehicles, growing investment in construction activities in emerging economies and stringent emission norms for automobiles are driving the market growth. Innovations in electro-hydraulic automotive applications can create new revenue generation opportunities for automotive hydraulics system manufacturers. However, replacements of hydraulic system with the full electrical system and high service cost are the factors restraining the market growth.

The hydraulic system is a prominent part in an automobile, which helps lubricate and dissipate heat from the various components in a vehicle. The linkages in a vehicle are likely to cause the wear of the components. The components also experience corrosion, as they are made of metal. Lubrication is important in order to resist corrosion and wear of the components. Furthermore, lubrication helps the various mechanical systems in the vehicle to function properly. Hydraulic systems are used to provide the fluid to the parts where heat is generated. This fluid helps to dissipate the heat generated in the parts. For instance, Mercedes has developed the hydraulic active suspension system, consisting of a hydraulic arc, hydraulic structure, high pressure accumulator, hydraulic pump, shock absorbers and control unit. The control unit analyzes the signals received from the sensors, acting on the hydraulic system, while the vehicle is running. The hydraulic system independently controls the oil flow for each hydraulic spring.

By application, hydraulic brakes segment is estimated to hold the largest market share during the forecast period. The growth can be attributed by government regulations regarding advanced braking technologies like anti-lock braking system (ABS) in

emerging economies like India and China. The slave cylinder segment is expected to grow at the highest CAGR during the forecast period due to rise in production of automobiles.

Asia Pacific is anticipated to be the largest market during the forecast period due to improving road conditions, infrastructure development and supporting government regulations regarding vehicle's active and passive safety.

Fte Automotive, Jtekt, ZF Friedrichshafen, Schaeffler, Bosch, Wabco, Continental, GKN, Borgwarner, Aisin Seiki, Robert Bosch GmbH and Valeo are some of the leading players operating in the global Automotive Hydraulics System market.

Components Covered:

Slave Cylinder

Hose

Master Cylinder

Reservoir

On-Highway Vehicles Types Covered:

Light Commercial Vehicles (LCVs)

Heavy Commercial Vehicles (HCVs)

Passenger Cars (PCs)

Off-Highway Vehicles Types Covered:

Agricultural Vehicles

Construction Vehicles

Applications Covered:

Hydraulic Tappets

Hydraulic Clutch

Hydraulic Brakes

Hydraulic Suspension
Channel Types Covered:
Aftermarket

Original Equipment Manufacturing (OEM)
Regions Covered:
North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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