

Electro Hydraulics Market for Off-Highway Equipment by Type (Excavators, Backhoe Loaders, Wheel Loaders, Agriculture Loaders), Component (Hydraulic Cylinders, Electric Motors, Hydraulic Pumps, Control Valves, Sensors, Electronic Control Unit, Programmable Logic Controller), Type, and Region - Global Forecast to 2032

<https://marketpublishers.com/r/EFA5D9780D04EN.html>

Date: July 2025

Pages: 215

Price: US\$ 4,950.00 (Single User License)

ID: EFA5D9780D04EN

Abstracts

The electro hydraulics market for off-highway equipment is projected to grow from 92,501 units in 2025 to 234,487 units by 2032 at a CAGR of 14.2%. The increasing demand for higher efficiency and productivity drives the market. Additionally, the need to adopt electric off-highway equipment is expected to propel the electro hydraulics market for off-highway equipment in the coming years.

By type, the electric segment is projected to grow at a higher rate than the convention segment during the forecast period

The electrically actuated hydraulic systems market is projected to grow faster than conventional systems due to the growing demand for more innovative, efficient, and environmentally friendly equipment in the off-highway sector. Electro hydraulics' superior efficiency and fuel savings are key factors driving growth. These systems often use load-sensing and proportional valve technology to adjust pump output based on demand, reducing unnecessary energy use and lowering fuel consumption and emissions. Additionally, electro hydraulics support advanced features like precision farming in agriculture and semi-autonomous operations in construction and mining. These capabilities help operators work more accurately and productively, improving job site safety and enabling real-time performance tracking.

Despite higher initial costs and complexity, the long-term benefits of electro hydraulics, including fuel savings, automation potential, and compliance with environmental regulations, make them a future-ready solution. Major technology providers of electro hydraulic systems for off-highway equipment include Bosch Rexroth (Germany), Danfoss (Denmark), Parker Hannifin (US), Nott Company (US), and AB Volvo (Sweden).

By component, the control valves segment is projected to account for the largest share of the electro hydraulics market for off-highway equipment during the forecast period

The dominance of the control valves segment is driven by their critical role in regulating hydraulic fluid flow, direction, and pressure functions that are essential to the performance of any hydraulic system. While control valves have always been fundamental components in conventional hydraulics, their design and functionality have significantly evolved with the rise of electro hydraulic systems.

In traditional systems, where control valves were primarily hydraulic and were operated directly by the machine operator or through pilot pressure, modern electro hydraulic systems use solenoid-operated proportional and servo valves that are electronically controlled. Proportional valves allow variable control over pressure and flow, while servo valves offer precise, closed-loop control, often based on feedback from sensors and logic controllers. These functions are vital in equipment like excavators, wheel loaders, and agricultural tractors, where smooth, coordinated, and efficient operation of multiple hydraulic functions is required.

The adoption of valve banks has further boosted the demand for advanced control valves. These banks consist of several electronically actuated valves grouped, allowing centralized and simultaneous management of multiple actuators. They are widely used in complex off-highway equipment to achieve high levels of operational precision and efficiency.

Key global suppliers offering control valves for off-highway equipment are Parker Hannifin (US), Bosch Rexroth (Germany), Danfoss (Denmark), Kawasaki Precision Machinery (Japan), Poclain (France), Walvoil S.p.A. (Italy), and LHY Powertrain GmbH & Co. KG. (Germany).

The Americas is projected to be the second-largest electro hydraulics market for off-highway equipment during the forecast period

The US, Canada, Mexico, and Brazil have been considered for market analysis in the Americas region. The Americas is projected to account for the second-largest electro hydraulics market for off-highway equipment during the forecast period. This is majorly due to the presence of major technology and component suppliers, such as Parker Hannifin (US) and Nott Company (US), along with leading off-highway equipment manufacturers like Caterpillar (US), Deere & Company (US), and Bobcat Company (US). Caterpillar (US) and Deere & Company (US) are leaders in construction and agriculture machinery and are known for offering equipment like excavators, wheel loaders, and tractors that incorporate electro hydraulic systems. Together, these companies account for more than 21% in the global construction equipment market.

Technology providers in the region have developed advanced electrohydraulic systems tailored for various types of off-highway equipment, and manufacturers are increasingly integrating these systems into their machines. This collaboration between component suppliers and OEMs plays a key role in the growth of the electro hydraulics market for off-highway equipment in the Americas. Moreover, the region has witnessed high adoption of electrically propelled off-highway equipment across sectors, such as construction, agriculture, and material handling. Since electro hydraulic systems are standard in these electric machines, this trend is also expected to boost market demand in the region.

In-depth interviews were conducted with CEOs, marketing directors, other innovation and strategy directors, and executives from various key organizations operating in this market.

Here's the breakdown of the interviews conducted:

By Company Type: Component Manufacturers – 70% and Off-highway OEMs – 30%

By Designation: C-Level Executives – 40%, Directors – 40%, and Others – 20%

By Region: North America – 20%, Europe – 30%, and Asia – 50%

Established players such as Bosch Rexroth (Germany), Danfoss (Denmark), Parker Hannifin (US), Nott Company (US), and AB Volvo (Sweden) lead the electro hydraulics market for off-highway equipment.

Key Benefits of Buying the Report:

This report will help market leaders and new entrants with information on the closest approximations of the revenue numbers for the overall electro hydraulics market for off-highway equipment and its subsegments. It will also help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report will also help stakeholders understand the market's pulse and provide information on key market drivers, restraints, challenges, and opportunities.

The report further provides insights into the following points:

Market Dynamics: Analysis of key drivers (improved efficiency and precision to drive market, shortage of skilled/trained labor), opportunities (future potential for adoption in excavators and backhoes, and steady adoption of electric equipment where EH systems have higher adoption), and challenges (aftermarket retrofitting to challenge OEM offerings and maintenance challenges with electrohydraulic systems) influencing the electro hydraulics market for off-highway equipment.

Product Development/Innovation: Detailed insights into upcoming technologies, research & development activities, and products & services offered by players in the electro hydraulics market for off-highway equipment.

Market Development: Comprehensive information about the lucrative market and analysis of the electro hydraulics market for off-highway equipment across varied regions

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the electro hydraulics market.

Competitive Assessment: In-depth assessment of market ranking, growth strategies, and service offerings of leading players like Bosch Rexroth (Germany), Danfoss (Denmark), Parker Hannifin (US), Nott Company (US), and AB Volvo (Sweden), in the electro hydraulics market for off-highway equipment.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 MARKET SEGMENTATION
 - 1.3.2 INCLUSIONS & EXCLUSIONS
- 1.4 YEARS CONSIDERED
- 1.5 CURRENCY CONSIDERED
- 1.6 UNITS CONSIDERED
- 1.7 KEY STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Secondary sources
 - 2.1.1.2 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Primary participants
 - 2.1.3 SAMPLING TECHNIQUES AND DATA COLLECTION METHODS
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
- 2.3 DATA TRIANGULATION
- 2.4 FACTOR ANALYSIS
- 2.5 RESEARCH ASSUMPTIONS AND RISK ASSESSMENT
- 2.6 RESEARCH LIMITATIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT
- 4.2 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE
- 4.3 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY

COMPONENT

4.4 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY TYPE

4.5 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY PROPULSION

4.6 ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY COMPONENT

4.7 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Need for improved efficiency and precision

5.2.1.2 Shortage of skilled/trained labor

5.2.2 RESTRAINTS

5.2.2.1 High cost of electrohydraulic systems and components

5.2.3 OPPORTUNITIES

5.2.3.1 Future potential for adoption of electrohydraulic systems in excavators and backhoe loaders

5.2.3.2 Rising adoption of electric equipment equipped with electro hydraulic systems

5.2.4 CHALLENGES

5.2.4.1 Maintenance of electrohydraulic systems

5.3 IMPACT OF AI ON ELECTROHYDRAULIC SYSTEMS FOR OFF-HIGHWAY EQUIPMENT

5.4 TECHNOLOGY ANALYSIS

5.4.1 KEY TECHNOLOGIES

5.4.1.1 Advancements in electrohydraulic steering systems

5.4.2 COMPLEMENTARY TECHNOLOGIES

5.4.2.1 Electrohydraulic actuation

5.4.3 ADJACENT TECHNOLOGIES

5.4.3.1 Integration of battery-powered hydraulic pumps

5.4.3.2 Use of hybrid hydraulic systems for energy efficiency

5.4.3.3 Smart valves in electrohydraulic systems

5.4.3.4 Hydrogen-powered hydraulic systems

5.5 REGIONAL OVERVIEW OF OFF-HIGHWAY EQUIPMENT

5.5.1 CONSTRUCTION EQUIPMENT: ICE VS. ELECTRIC

5.5.2 AGRICULTURAL EQUIPMENT: ICE VS. ELECTRIC

5.5.3 FORKLIFTS: ICE VS. ELECTRIC

- 5.5.4 MINING EQUIPMENT: ICE VS. ELECTRIC
- 5.6 CASE STUDY ANALYSIS
 - 5.6.1 MAHA FLUID POWER RESEARCH CENTER DEVELOPED AND DEMONSTRATED NEXT-GENERATION ELECTROHYDRAULIC TECHNOLOGY FOR OFF-ROAD VEHICLES
 - 5.6.2 DEVELOPMENT OF INTEGRATED ELECTROHYDRAULIC MACHINE TO ELECTRIFY OFF-HIGHWAY VEHICLES
 - 5.6.3 DANFOSS POWER SOLUTIONS AND ROBBIE FLUID ENGINEERING REVOLUTIONIZED OFF-HIGHWAY VEHICLE HYDRAULICS WITH DIGITAL DISPLACEMENT TECHNOLOGY FOR ENHANCED EFFICIENCY AND DECARBONIZATION
 - 5.6.4 DESIGNING AND IMPLEMENTATION OF IEHEC-BASED ELECTROHYDRAULIC HYBRID ACTUATOR SYSTEM TO REPLACE CONVENTIONAL VALVE-CONTROLLED CIRCUITS
 - 5.6.5 SHANDONG LINGONG CONSTRUCTION MACHINERY COMPANY (SDLG) AND POCLAIN COLLABORATED TO ENHANCE PERFORMANCE, RELIABILITY, AND EFFICIENCY OF SDLG'S ROAD CONSTRUCTION MACHINERY
- 5.7 TRENDS AND DISRUPTIONS IMPACTING CUSTOMER BUSINESS
- 5.8 PRICING ANALYSIS
 - 5.8.1 AVERAGE SELLING PRICE OF KEY ELECTROHYDRAULIC COMPONENTS
 - 5.8.2 AVERAGE SELLING PRICE OF KEY COMPONENTS OF ELECTROHYDRAULIC SYSTEMS, BY REGION
- 5.9 ECOSYSTEM ANALYSIS
- 5.10 SUPPLY CHAIN ANALYSIS
- 5.11 PATENT ANALYSIS
- 5.12 INVESTMENT & FUNDING SCENARIO
- 5.13 REGULATORY LANDSCAPE
 - 5.13.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
- 5.14 KEY CONFERENCES & EVENTS, 2025–2026
- 5.15 KEY STAKEHOLDERS & BUYING CRITERIA
 - 5.15.1 KEY STAKEHOLDERS IN BUYING PROCESS
 - 5.15.2 BUYING CRITERIA
- 5.16 ADOPTION OF ELECTRO HYDRAULICS IN OFF-HIGHWAY EQUIPMENT

6 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY TYPE

- 6.1 INTRODUCTION
- 6.2 CONVENTIONAL

6.2.1 LOW INITIAL COSTS AND RELIABILITY OF CONVENTIONAL SYSTEMS TO BOOST GROWTH

6.3 ELECTRIC

6.3.1 NEED FOR BETTER PRECISION AND FUEL ECONOMY TO DRIVE MARKET

6.4 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY PROPULSION

6.4.1 NEED TO IMPROVE ENERGY EFFICIENCY BY ELIMINATING UNNECESSARY HYDRAULIC FLOW PROPULSION TO DRIVE MARKET

6.5 KEY PRIMARY INSIGHTS

7 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE

7.1 INTRODUCTION

7.2 EXCAVATORS

7.2.1 DEMAND FOR INCREASED PRECISION AND REDUCED FUEL CONSUMPTION TO DRIVE MARKET

7.3 WHEEL LOADERS & SKID STEER LOADERS

7.3.1 NEED TO IMPROVE HANDLING OF MATERIALS TO DRIVE MARKET

7.4 AGRICULTURAL TRACTORS

7.4.1 FOCUS ON IMPROVING AGRICULTURAL EFFICIENCY TO DRIVE DEMAND

7.5 BACKHOE LOADERS

7.5.1 FOCUS ON ENHANCING SWITCH BETWEEN LOADERS AND DIGGING OPERATIONS TO DRIVE MARKET

7.6 KEY PRIMARY INSIGHTS

8 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COMPONENT

8.1 INTRODUCTION

8.2 HYDRAULIC PUMPS

8.2.1 DEMAND FOR INCREASED EFFICIENCY OF HYDRAULIC SYSTEMS TO BOOST GROWTH

8.2.2 KEY SUPPLIERS OF HYDRAULIC PUMPS

8.2.3 AVERAGE NUMBER OF HYDRAULIC PUMPS USED IN OFF-HIGHWAY EQUIPMENT

8.2.4 AVERAGE PRICE RANGE OF HYDRAULIC PUMPS USED IN ELECTROHYDRAULIC SYSTEMS, BY REGION, 2024

8.3 CONTROL VALVES

- 8.3.1 ADVANCEMENTS IN SOLENOID-OPERATED VALVES TO DRIVE MARKET
- 8.3.2 KEY SUPPLIERS OF CONTROL VALVES
- 8.3.3 AVERAGE NUMBER OF CONTROL VALVES USED IN OFF-HIGHWAY EQUIPMENT
- 8.3.4 AVERAGE PRICE RANGE OF CONTROL VALVES USED IN ELECTROHYDRAULIC SYSTEMS, BY REGION, 2024
- 8.4 ELECTRIC MOTORS
 - 8.4.1 INCREASING ADOPTION OF ELECTRICALLY-PROPELLED EQUIPMENT TO DRIVE MARKET
 - 8.4.2 KEY SUPPLIERS OF ELECTRIC MOTORS
 - 8.4.3 AVERAGE NUMBER OF ELECTRIC MOTORS USED IN OFF-HIGHWAY EQUIPMENT
 - 8.4.4 AVERAGE PRICE RANGE OF ELECTRIC MOTORS USED IN ELECTROHYDRAULIC SYSTEMS, BY REGION, 2024
- 8.5 HYDRAULIC CYLINDERS
 - 8.5.1 GROWING DEMAND FOR OFF-HIGHWAY EQUIPMENT TO DRIVE MARKET
 - 8.5.2 KEY SUPPLIERS OF HYDRAULIC CYLINDERS
 - 8.5.3 AVERAGE NUMBER OF HYDRAULIC CYLINDERS USED IN OFF-HIGHWAY EQUIPMENT
 - 8.5.4 AVERAGE PRICE RANGE OF HYDRAULIC CYLINDERS USED IN ELECTROHYDRAULIC SYSTEMS, BY REGION, 2024
- 8.6 SENSORS
 - 8.6.1 NEED FOR MONITORING, CONTROLLING, AND OPTIMIZING PERFORMANCE OF HYDRAULIC SYSTEMS TO DRIVE MARKET
 - 8.6.2 KEY SUPPLIERS OF SENSORS
 - 8.6.3 AVERAGE NUMBER OF SENSORS USED IN OFF-HIGHWAY EQUIPMENT
 - 8.6.4 AVERAGE PRICE RANGE OF SENSORS USED IN ELECTROHYDRAULIC SYSTEMS, BY REGION, 2024
- 8.7 ELECTRONIC CONTROL UNIT (ECU)
 - 8.7.1 FOCUS ON IMPROVING CONTROL, FEEDBACK, AND EFFICIENCY OF OFF-HIGHWAY EQUIPMENT TO DRIVE MARKET
 - 8.7.2 KEY SUPPLIERS OF ELECTRONIC CONTROL UNITS (ECUS)
 - 8.7.3 AVERAGE NUMBER OF ELECTRONIC CONTROL UNITS (ECUS) USED IN OFF-HIGHWAY EQUIPMENT
 - 8.7.4 AVERAGE PRICE RANGE OF ELECTRONIC CONTROL UNITS (ECUS) USED IN ELECTROHYDRAULIC SYSTEMS, BY REGION, 2024
- 8.8 PROGRAMMABLE LOGIC CONTROLLER (PLC)
 - 8.8.1 FOCUS ON AUTOMATION, FLEXIBILITY, AND REAL-TIME OPTIMIZATION TO SPUR DEMAND

- 8.8.2 KEY SUPPLIERS OF PROGRAMMABLE LOGIC CONTROLLERS (PLCS)
- 8.8.3 AVERAGE NUMBER OF PROGRAMMABLE LOGIC CONTROLLERS (PLCS) USED IN OFF-HIGHWAY EQUIPMENT
- 8.9 INDUSTRY INSIGHTS

9 ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY COMPONENT

- 9.1 INTRODUCTION
- 9.2 HYDRAULIC PUMPS
 - 9.2.1 DEVELOPMENTS IN SELF-ACTUATION AND VARIABLE FLOW PUMPS TO DRIVE GROWTH
- 9.3 CONTROL VALVES
 - 9.3.1 ADVANCEMENTS IN PROPORTIONAL VALVE TECHNOLOGY TO DRIVE MARKET
- 9.4 ELECTRIC MOTORS
 - 9.4.1 GLOBAL DOMINANCE OF ELECTRIC FORKLIFTS TO DRIVE MARKET
- 9.5 HYDRAULIC CYLINDERS
 - 9.5.1 GROWING DEMAND FOR FORKLIFTS TO DRIVE MARKET GROWTH
- 9.6 SENSORS
 - 9.6.1 DEMAND FOR PRECISE OPERATIONAL CONTROL TO DRIVE MARKET
- 9.7 ELECTRONIC CONTROL UNIT (ECU)
 - 9.7.1 NEED FOR BETTER CONTROL OF SENSORS TO DRIVE MARKET
- 9.8 PROGRAMMABLE LOGIC CONTROLLER (PLC)
 - 9.8.1 RISE IN DEMAND FOR AUTOMATION TO DRIVE GROWTH
- 9.9 INDUSTRY INSIGHTS

10 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION

- 10.1 INTRODUCTION
- 10.2 ASIA PACIFIC
 - 10.2.1 MACROECONOMIC OUTLOOK
 - 10.2.2 CHINA
 - 10.2.2.1 Growth in construction and mining industries to drive market
 - 10.2.3 INDIA
 - 10.2.3.1 Adoption of electrohydraulic technology in excavators and agricultural tractors to drive market
 - 10.2.4 JAPAN
 - 10.2.4.1 Presence of key OEMs, technological innovations, and increasing

infrastructural development to drive market

10.2.5 REST OF ASIA PACIFIC

10.3 EUROPE

10.3.1 MACROECONOMIC OUTLOOK

10.3.2 GERMANY

10.3.2.1 Robust growth in construction industry to drive market

10.3.3 FRANCE

10.3.3.1 Growth in agriculture and construction industries to drive market

10.3.4 SPAIN

10.3.4.1 Growth in agriculture and forklift industries to drive market

10.3.5 UK

10.3.5.1 Presence of key OEMs to drive market

10.3.6 REST OF EUROPE

10.4 AMERICAS

10.4.1 MACROECONOMIC OUTLOOK

10.4.2 US

10.4.2.1 Presence of key OEMs and technology providers to drive market

10.4.3 CANADA

10.4.3.1 Rising trend toward electrification to drive market

10.4.4 MEXICO

10.4.4.1 Developing agricultural industry to drive market

10.4.5 BRAZIL

10.4.5.1 Rapid progress of construction industry to drive market

10.5 INDUSTRY INSIGHTS

11 COMPETITIVE LANDSCAPE

11.1 OVERVIEW

11.2 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2021–2025

11.3 MARKET RANKING ANALYSIS, 2024

11.4 REVENUE ANALYSIS OF TOP FIVE PLAYERS, 2020–2024

11.5 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024

11.5.1 STARS

11.5.2 EMERGING LEADERS

11.5.3 PERVASIVE PLAYERS

11.5.4 PARTICIPANTS

11.5.5 COMPANY FOOTPRINT: KEY PLAYERS, 2024

11.5.5.1 Company footprint

11.5.5.2 Region footprint

- 11.5.5.3 Type footprint
- 11.5.5.4 Component footprint
- 11.5.5.5 Equipment type footprint
- 11.6 COMPANY VALUATION
- 11.7 FINANCIAL METRICS
- 11.8 BRAND/PRODUCT COMPARISON
- 11.9 OFF-HIGHWAY EQUIPMENT MODELS EQUIPPED WITH ELECTROHYDRAULIC SYSTEMS
- 11.10 KEY SUPPLIERS OF ELECTROHYDRAULIC COMPONENTS
- 11.11 COMPETITIVE SCENARIO
 - 11.11.1 PRODUCT LAUNCHES/DEVELOPMENTS
 - 11.11.2 DEALS
 - 11.11.3 EXPANSION
 - 11.11.4 OTHER DEVELOPMENTS

12 COMPANY PROFILES

- 12.1 KEY PLAYERS
 - 12.1.1 BOSCH REXROTH AG
 - 12.1.1.1 Business overview
 - 12.1.1.2 Products offered
 - 12.1.1.3 Recent developments
 - 12.1.1.3.1 Product launches/developments
 - 12.1.1.3.2 Deals
 - 12.1.1.3.3 Expansion
 - 12.1.1.4 MnM view
 - 12.1.1.4.1 Key strengths
 - 12.1.1.4.2 Strategic choices
 - 12.1.1.4.3 Weaknesses and competitive threats
 - 12.1.2 DANFOSS
 - 12.1.2.1 Business overview
 - 12.1.2.2 Products offered
 - 12.1.2.3 Recent developments
 - 12.1.2.3.1 Deals
 - 12.1.2.3.2 Expansion
 - 12.1.2.4 MnM view
 - 12.1.2.4.1 Key strengths
 - 12.1.2.4.2 Strategic choices
 - 12.1.2.4.3 Weaknesses and competitive threats

12.1.3 PARKER HANNIFIN CORP

- 12.1.3.1 Business overview
- 12.1.3.2 Products offered
- 12.1.3.3 Recent developments
 - 12.1.3.3.1 Product launches/developments
 - 12.1.3.3.2 Deals
 - 12.1.3.3.3 Expansion
- 12.1.3.4 MnM view
 - 12.1.3.4.1 Key strengths
 - 12.1.3.4.2 Strategic choices
 - 12.1.3.4.3 Weaknesses and competitive threats

12.1.4 AB VOLVO

- 12.1.4.1 Business overview
- 12.1.4.2 Products offered
- 12.1.4.3 Recent developments
 - 12.1.4.3.1 Product launches/developments
 - 12.1.4.3.2 Deals
- 12.1.4.4 MnM view
 - 12.1.4.4.1 Key strengths
 - 12.1.4.4.2 Strategic choices
 - 12.1.4.4.3 Weaknesses and competitive threats

12.1.5 NOTT COMPANY

- 12.1.5.1 Business overview
- 12.1.5.2 Products offered
- 12.1.5.3 Recent developments
 - 12.1.5.3.1 Product launches/developments
 - 12.1.5.3.2 Deals
 - 12.1.5.3.3 Expansion
 - 12.1.5.3.4 Other developments
- 12.1.5.4 MnM view
 - 12.1.5.4.1 Key strengths
 - 12.1.5.4.2 Strategic choices
 - 12.1.5.4.3 Weaknesses and competitive threats

12.1.6 POCLAIN

- 12.1.6.1 Business overview
- 12.1.6.2 Products offered
- 12.1.6.3 Recent developments
 - 12.1.6.3.1 Product launches/developments
 - 12.1.6.3.2 Expansion

12.1.7 WALVOIL S.P.A.

12.1.7.1 Business overview

12.1.7.2 Products offered

12.1.7.3 Recent developments

12.1.7.3.1 Product launches/developments

12.1.7.3.2 Expansion

12.1.8 LHY POWERTRAIN GMBH & CO. KG.

12.1.8.1 Business overview

12.1.8.2 Products offered

12.1.8.3 Recent developments

12.1.8.3.1 Product launches/developments

12.1.9 POWER-PACKER EUROPA B.V.

12.1.9.1 Business overview

12.1.9.2 Products offered

12.1.10 KAWASAKI PRECISION MACHINERY, LTD

12.1.10.1 Business overview

12.1.10.2 Products offered

12.2 OTHER PLAYERS

12.2.1 HYDAC INTERNATIONAL GMBH

12.2.2 HAWE HYDRAULIK SE

12.2.3 BUCHER HYDRAULICS

12.2.4 HELIOS TECHNOLOGIES

12.2.5 KYB CORPORATION

12.2.6 HUSCO INTERNATIONAL, INC.

12.2.7 DELTA POWER COMPANY

12.2.8 ARGO-HYTOS GROUP AG

12.2.9 YUKEN KOGYO CO., LTD.

12.2.10 JIANGSU HENGLI HYDRAULIC CO., LTD.

13 RECOMMENDATIONS BY MARKETSDANDMARKETS

13.1 ASIA PACIFIC TO WITNESS ROBUST GROWTH IN ADOPTION OF ELECTROHYDRAULIC SYSTEMS FOR OFF-HIGHWAY VEHICLES

13.2 EXCAVATORS AND WHEEL LOADERS SEGMENTS TO DRIVE GROWTH OF ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT

13.3 CONCLUSION

14 APPENDIX

14.1 INSIGHTS FROM INDUSTRY EXPERTS

14.2 DISCUSSION GUIDE

14.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

14.4 CUSTOMIZATION OPTIONS

14.4.1 ELECTRO HYDRAULIC COMPONENTS MARKET, BY EQUIPMENT TYPE AT COUNTRY LEVEL

14.4.2 ELECTRO HYDRAULICS MARKET FOR ELECTRIC OFF-HIGHWAY EQUIPMENT, AT COUNTRY LEVEL

14.5 RELATED REPORTS

14.6 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 EXCHANGE RATES, 2021—2024

TABLE 2 CONVENTIONAL HYDRAULICS VS. ELECTRO HYDRAULICS:
COMPONENT-WISE COMPARISON

TABLE 3 NUMBER OF ICE CONSTRUCTION EQUIPMENT TYPES, BY REGION,
2025 (UNITS)

TABLE 4 NUMBER OF ELECTRIC CONSTRUCTION EQUIPMENT TYPES, BY
REGION, 2025 (UNITS)

TABLE 5 NUMBER OF ICE COMPACT CONSTRUCTION EQUIPMENT TYPES, BY
REGION, 2025 (UNITS)

TABLE 6 NUMBER OF ELECTRIC COMPACT CONSTRUCTION EQUIPMENT
TYPES, BY REGION, 2025 (UNITS)

TABLE 7 NUMBER OF AGRICULTURAL TRACTORS EQUIPPED WITH ICE AND
ELECTRIC PROPULSION TYPES, BY REGION, 2025 (UNITS)

TABLE 8 FORKLIFTS EQUIPPED WITH PROPULSION TYPES, BY REGION, 2025
(UNITS)

TABLE 9 MINING EQUIPMENT EQUIPPED WITH PROPULSION TYPES, BY
REGION, 2025 (UNITS)

TABLE 10 AVERAGE SELLING PRICE OF KEY ELECTROHYDRAULIC
COMPONENTS, 2024 (USD)

TABLE 11 AVERAGE SELLING PRICE OF KEY COMPONENTS OF
ELECTROHYDRAULIC SYSTEMS, BY REGION, 2024 (USD)

TABLE 12 ROLE OF COMPANIES IN ECOSYSTEM

TABLE 13 PATENTS PUBLISHED, 2017–2024

TABLE 14 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES,
AND OTHER ORGANIZATIONS

TABLE 15 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND
OTHER ORGANIZATIONS

TABLE 16 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND
OTHER ORGANIZATIONS

TABLE 17 KEY CONFERENCES & EVENTS, 2025–2026

TABLE 18 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY TYPE (%)

TABLE 19 KEY BUYING CRITERIA FOR HYDRAULIC SYSTEMS, BY TYPE

TABLE 20 HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY TYPE,
2021–2024 (UNITS)

TABLE 21 HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY TYPE,

2025–2032 (UNITS)

TABLE 22 CONVENTIONAL HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (UNITS)

TABLE 23 CONVENTIONAL HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (UNITS)

TABLE 24 ELECTRIC HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (UNITS)

TABLE 25 ELECTRIC HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (UNITS)

TABLE 26 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY PROPULSION, 2021–2024 (UNITS)

TABLE 27 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY PROPULSION, 2025–2032 (UNITS)

TABLE 28 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)

TABLE 29 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)

TABLE 30 EXCAVATORS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (UNITS)

TABLE 31 EXCAVATORS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (UNITS)

TABLE 32 WHEEL LOADERS & SKID STEER LOADERS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (UNITS)

TABLE 33 WHEEL LOADERS & SKID STEER LOADERS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (UNITS)

TABLE 34 AGRICULTURAL TRACTORS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (UNITS)

TABLE 35 AGRICULTURAL TRACTORS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (UNITS)

TABLE 36 BACKHOE LOADERS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (UNITS)

TABLE 37 BACKHOE LOADERS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (UNITS)

TABLE 38 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COMPONENT, 2021–2024 (THOUSAND UNITS)

TABLE 39 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COMPONENT, 2025–2032 (THOUSAND UNITS)

TABLE 40 HYDRAULIC PUMPS: ELECTRO-HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 41 HYDRAULIC PUMPS: ELECTRO-HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 42 CONTROL VALVES: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 43 CONTROL VALVES: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (UNITS)

TABLE 44 ELECTRIC MOTORS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 45 ELECTRIC MOTORS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 46 HYDRAULIC CYLINDERS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 47 HYDRAULIC CYLINDERS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 48 SENSORS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 49 SENSORS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 50 ELECTRONIC CONTROL UNIT (ECU): ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 51 ELECTRONIC CONTROL UNIT (ECU): ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 52 PROGRAMMABLE LOGIC CONTROLLER (PLC): ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 53 PROGRAMMABLE LOGIC CONTROLLER (PLC): ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 54 ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY COMPONENT, 2021–2024 (THOUSAND UNITS)

TABLE 55 ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY COMPONENT, 2025–2032 (THOUSAND UNITS)

TABLE 56 HYDRAULIC PUMPS: ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 57 HYDRAULIC PUMPS: ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 58 CONTROL VALVES: ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 59 CONTROL VALVES: ELECTRO HYDRAULICS MARKET FOR FORKLIFTS,

BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 60 ELECTRIC MOTORS: ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 61 ELECTRIC MOTORS: ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 62 HYDRAULIC CYLINDERS: ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 63 HYDRAULIC CYLINDERS: ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 64 SENSORS: ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 65 SENSORS: ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 66 ELECTRONIC CONTROL UNIT (ECU): ELECTRO-HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 67 ELECTRONIC CONTROL UNIT (ECU): ELECTRO-HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 68 PROGRAMMABLE LOGIC CONTROLLER (PLC): ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2021–2024 (THOUSAND UNITS)

TABLE 69 PROGRAMMABLE LOGIC CONTROLLER (PLC): ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY REGION, 2025–2032 (THOUSAND UNITS)

TABLE 70 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2021–2024 (UNITS)

TABLE 71 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025–2032 (UNITS)

TABLE 72 ASIA PACIFIC: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COUNTRY/REGION, 2021–2024 (UNITS)

TABLE 73 ASIA PACIFIC: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COUNTRY/REGION, 2025–2032 (UNITS)

TABLE 74 CHINA: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)

TABLE 75 CHINA: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)

TABLE 76 INDIA: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)

TABLE 77 INDIA: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)

TABLE 78 JAPAN: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)

- TABLE 79 JAPAN: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)
- TABLE 80 REST OF ASIA PACIFIC: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)
- TABLE 81 REST OF ASIA PACIFIC: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)
- TABLE 82 EUROPE: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COUNTRY/REGION, 2021–2024 (UNITS)
- TABLE 83 EUROPE: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COUNTRY/REGION, 2025–2032 (UNITS)
- TABLE 84 GERMANY: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)
- TABLE 85 GERMANY: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)
- TABLE 86 FRANCE: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)
- TABLE 87 FRANCE: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)
- TABLE 88 SPAIN: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)
- TABLE 89 SPAIN: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)
- TABLE 90 UK: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)
- TABLE 91 UK: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)
- TABLE 92 REST OF EUROPE: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)
- TABLE 93 REST OF EUROPE: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)
- TABLE 94 AMERICAS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COUNTRY, 2021–2024 (UNITS)
- TABLE 95 AMERICAS: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COUNTRY, 2025–2032 (UNITS)
- TABLE 96 US: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)
- TABLE 97 US: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)
- TABLE 98 CANADA: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY

EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)

TABLE 99 CANADA: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)

TABLE 100 MEXICO: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)

TABLE 101 MEXICO: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)

TABLE 102 BRAZIL: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2021–2024 (UNITS)

TABLE 103 BRAZIL: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025–2032 (UNITS)

TABLE 104 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2021–2025

TABLE 105 REGION FOOTPRINT

TABLE 106 TYPE FOOTPRINT

TABLE 107 COMPONENT FOOTPRINT

TABLE 108 EQUIPMENT TYPE FOOTPRINT

TABLE 109 OFF-HIGHWAY EQUIPMENT MODELS EQUIPPED WITH ELECTROHYDRAULIC SYSTEMS

TABLE 110 KEY SUPPLIERS OF ELECTROHYDRAULIC COMPONENTS

TABLE 111 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT: PRODUCT LAUNCHES/DEVELOPMENTS, JUNE 2021– MARCH 2025

TABLE 112 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT: DEALS, JUNE 2021–MARCH 2025

TABLE 113 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT: EXPANSION, JUNE 2021–MARCH 2025

TABLE 114 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT: OTHER DEVELOPMENTS, JUNE 2021–MARCH 2025

TABLE 115 BOSCH REXROTH AG: COMPANY OVERVIEW

TABLE 116 BOSCH REXROTH AG: PRODUCTS OFFERED

TABLE 117 BOSCH REXROTH AG: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 118 BOSCH REXROTH AG: DEALS

TABLE 119 BOSCH REXROTH AG: EXPANSION

TABLE 120 DANFOSS: COMPANY OVERVIEW

TABLE 121 DANFOSS: PRODUCTS OFFERED

TABLE 122 DANFOSS: DEALS

TABLE 123 DANFOSS: EXPANSION

TABLE 124 PARKER HANNIFIN CORP: COMPANY OVERVIEW

TABLE 125 PARKER HANNIFIN CORP: PRODUCTS OFFERED

TABLE 126 PARKER HANNIFIN CORP: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 127 PARKER HANNIFIN CORP: DEALS

TABLE 128 PARKER HANNIFIN CORP: EXPANSION

TABLE 129 AB VOLVO: COMPANY OVERVIEW

TABLE 130 AB VOLVO: PRODUCTS OFFERED

TABLE 131 AB VOLVO: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 132 AB VOLVO: DEALS

TABLE 133 NOTT COMPANY: COMPANY OVERVIEW

TABLE 134 NOTT COMPANY: PRODUCTS OFFERED

TABLE 135 NOTT COMPANY: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 136 NOTT COMPANY: DEALS

TABLE 137 NOTT COMPANY: EXPANSION

TABLE 138 NOTT COMPANY: OTHER DEVELOPMENTS

TABLE 139 POCLAIN: COMPANY OVERVIEW

TABLE 140 POCLAIN: PRODUCTS OFFERED

TABLE 141 POCLAIN: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 142 POCLAIN: EXPANSION

TABLE 143 WALVOIL S.P.A.: COMPANY OVERVIEW

TABLE 144 WALVOIL S.P.A.: PRODUCTS OFFERED

TABLE 145 WALVOIL S.P.A.: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 146 WALVOIL S.P.A.: EXPANSION

TABLE 147 LHY POWERTRAIN GMBH & CO. KG.: COMPANY OVERVIEW

TABLE 148 LHY POWERTRAIN GMBH & CO. KG.: PRODUCTS OFFERED

TABLE 149 LHY POWERTRAIN GMBH & CO. KG.: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 150 POWER-PACKER EUROPA B.V.: COMPANY OVERVIEW

TABLE 151 POWER-PACKER EUROPA B.V.: PRODUCTS OFFERED

TABLE 152 KAWASAKI PRECISION MACHINERY LTD: COMPANY OVERVIEW

TABLE 153 KAWASAKI PRECISION MACHINERY LTD: PRODUCTS OFFERED

TABLE 154 HYDAC INTERNATIONAL GMBH: COMPANY OVERVIEW

TABLE 155 HAWE HYDRAULIK SE: COMPANY OVERVIEW

TABLE 156 BUCHER HYDRAULICS: COMPANY OVERVIEW

TABLE 157 HELIOS TECHNOLOGIES: COMPANY OVERVIEW

TABLE 158 KYB CORPORATION: COMPANY OVERVIEW

TABLE 159 HUSCO INTERNATIONAL, INC.: COMPANY OVERVIEW

TABLE 160 DELTA POWER COMPANY: COMPANY OVERVIEW

TABLE 161 ARGO-HYTOS GROUP AG: COMPANY OVERVIEW

TABLE 162 YUKEN KOGYO CO., LTD.: COMPANY OVERVIEW

TABLE 163 JIANGSU HENGLI HYDRAULIC CO., LTD.: COMPANY OVERVIEW

List Of Figures

LIST OF FIGURES

FIGURE 1 RESEARCH DESIGN

FIGURE 2 RESEARCH METHODOLOGY MODEL

FIGURE 3 BREAKDOWN OF PRIMARY INTERVIEWS

FIGURE 4 RESEARCH METHODOLOGY: HYPOTHESIS BUILDING

FIGURE 5 BOTTOM-UP APPROACH FOR ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT (BY EQUIPMENT TYPE, COMPONENT TYPE, COUNTRY LEVEL, AND REGION)

FIGURE 6 DATA TRIANGULATION

FIGURE 7 DEMAND- AND SUPPLY-SIDE FACTOR ANALYSIS

FIGURE 8 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT OVERVIEW

FIGURE 9 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY REGION, 2025 VS. 2032 (UNITS)

FIGURE 10 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025 VS. 2032 (UNITS)

FIGURE 11 INCREASING DEMAND FOR FUEL EFFICIENCY, PRECISION, AND ENERGY SAVINGS IN OFF-HIGHWAY EQUIPMENT TO DRIVE MARKET

FIGURE 12 EXCAVATORS SEGMENT TO LEAD MARKET DURING FORECAST PERIOD

FIGURE 13 CONTROL VALVES SEGMENT TO LEAD MARKET DURING FORECAST PERIOD

FIGURE 14 CONVENTIONAL SEGMENT TO ACCOUNT FOR LARGER SHARE THAN ELECTRIC SEGMENT DURING FORECAST PERIOD

FIGURE 15 ICE SEGMENT TO LEAD MARKET DURING FORECAST PERIOD

FIGURE 16 CONTROL VALVES SEGMENT TO LEAD MARKET DURING FORECAST PERIOD

FIGURE 17 EUROPE TO BE DOMINANT REGION DURING FORECAST PERIOD

FIGURE 18 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

FIGURE 19 CONSTRUCTION EQUIPMENT: ICE VS. ELECTRIC, 2025 (UNITS)

FIGURE 20 COMPACT CONSTRUCTION EQUIPMENT: ICE VS. ELECTRIC, 2025 (UNITS)

FIGURE 21 AGRICULTURAL TRACTORS: ICE VS. ELECTRIC, 2025 (UNITS)

FIGURE 22 FORKLIFTS: ICE VS. ELECTRIC, 2025 (UNITS)

FIGURE 23 MINING EQUIPMENT: ICE VS. ELECTRIC, 2025 (UNITS)

FIGURE 24 TRENDS AND DISRUPTIONS IMPACTING CUSTOMER BUSINESS

FIGURE 25 AVERAGE SELLING PRICE OF ELECTROHYDRAULIC COMPONENTS, 2024 (USD)

FIGURE 26 AVERAGE SELLING PRICE OF KEY COMPONENTS OF ELECTROHYDRAULIC SYSTEMS, BY REGION, 2024 (USD)

FIGURE 27 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT ECOSYSTEM

FIGURE 28 ECOSYSTEM ANALYSIS

FIGURE 29 SUPPLY CHAIN ANALYSIS

FIGURE 30 PATENTS GRANTED, 2013–2024

FIGURE 31 INVESTMENT & FUNDING SCENARIO, 2021–2025 (USD BILLION)

FIGURE 32 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY TYPE

FIGURE 33 KEY BUYING CRITERIA FOR HYDRAULIC SYSTEMS, BY TYPE

FIGURE 34 SALES AND PERCENTAGE ADOPTION OF ELECTRO HYDRAULICS IN OFF-HIGHWAY EQUIPMENT

FIGURE 35 HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY TYPE, 2025 VS. 2032 (UNITS)

FIGURE 36 ELECTRO HYDRAULICS MARKET, BY PROPULSION, 2025 VS. 2032 (UNITS)

FIGURE 37 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY EQUIPMENT TYPE, 2025 VS. 2032 (UNITS)

FIGURE 38 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COMPONENT, 2025 VS. 2032 (THOUSAND UNITS)

FIGURE 39 ELECTRO HYDRAULICS MARKET FOR FORKLIFTS, BY COMPONENT, 2025 VS. 2032 (THOUSAND UNITS)

FIGURE 40 EUROPE TO LEAD MARKET DURING FORECAST PERIOD

FIGURE 41 ASIA PACIFIC: REAL GDP GROWTH RATE, BY COUNTRY, 2024–2026

FIGURE 42 ASIA PACIFIC: GDP PER CAPITA, BY COUNTRY, 2024–2026 (USD)

FIGURE 43 ASIA PACIFIC: INFLATION RATE AVERAGE CONSUMER PRICES, BY COUNTRY, 2024–2026

FIGURE 44 ASIA PACIFIC: MANUFACTURING INDUSTRY'S CONTRIBUTION TO GDP, 2024 (USD TRILLION)

FIGURE 45 ASIA PACIFIC: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT, BY COUNTRY/REGION, 2025 VS. 2032 (UNITS)

FIGURE 46 EUROPE: REAL GDP GROWTH RATE, BY COUNTRY, 2024–2026

FIGURE 47 EUROPE: GDP PER CAPITA, BY COUNTRY, 2024–2026

FIGURE 48 EUROPE: INFLATION RATE AVERAGE CONSUMER PRICES, BY COUNTRY, 2024–2026

FIGURE 49 EUROPE: MANUFACTURING INDUSTRY'S CONTRIBUTION TO GDP,

2024 (USD TRILLION)

FIGURE 50 EUROPE: ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT SNAPSHOT

FIGURE 51 AMERICAS: REAL GDP GROWTH RATE, BY COUNTRY, 2024–2026

FIGURE 52 AMERICAS: GDP PER CAPITA, BY COUNTRY, 2024–2026 (USD)

FIGURE 53 AMERICAS: INFLATION RATE AVERAGE CONSUMER PRICES, BY COUNTRY, 2024–2026

FIGURE 54 AMERICAS: MANUFACTURING INDUSTRY'S CONTRIBUTION TO GDP, 2024 (USD TRILLION)

FIGURE 55 AMERICAS: ELECTRO HYDRAULICS MARKET SNAPSHOT

FIGURE 56 MARKET RANKING OF MANUFACTURERS OF KEY ELECTRO HYDRAULICS, 2024

FIGURE 57 REVENUE ANALYSIS OF TOP FIVE PLAYERS, 2020–2024 (USD BILLION)

FIGURE 58 ELECTRO HYDRAULICS MARKET FOR OFF-HIGHWAY EQUIPMENT: COMPANY EVALUATION MATRIX (KEY PLAYERS), 2024

FIGURE 59 COMPANY FOOTPRINT

FIGURE 60 COMPANY VALUATION, 2024 (USD BILLION)

FIGURE 61 FINANCIAL METRICS, 2024

FIGURE 62 BRAND/PRODUCT COMPARISON

FIGURE 63 BOSCH REXROTH AG.: COMPANY SNAPSHOT

FIGURE 64 DANFOSS: COMPANY SNAPSHOT

FIGURE 65 PARKER HANNIFIN CORP: COMPANY SNAPSHOT

FIGURE 66 AB VOLVO: COMPANY SNAPSHOT

I would like to order

Product name: Electro Hydraulics Market for Off-Highway Equipment by Type (Excavators, Backhoe Loaders, Wheel Loaders, Agriculture Loaders), Component (Hydraulic Cylinders, Electric Motors, Hydraulic Pumps, Control Valves, Sensors, Electronic Control Unit, Programmable Logic Controller), Type, and Region - Global Forecast to 2032

Product link: <https://marketpublishers.com/r/EFA5D9780D04EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/EFA5D9780D04EN.html>