

Spark Plug Market by Electrode Material (Copper, Iridium, and Platinum) and Application (Automobile, Marine, Industrial, and others {working equipment, brush cutters, scythes, mowers, and saws}) - Global Opportunity Analysis and Industry Forecast, 2014-2022

<https://marketpublishers.com/r/S5415D42628EN.html>

Date: January 2017

Pages: 190

Price: US\$ 4,999.00 (Single User License)

ID: S5415D42628EN

Abstracts

Spark plug is an electrical device threaded into cylinder of spark ignition engine, which produces spark at the required time to ignite the combustible air-fuel mixture in the cylinder bore. The device comprises shell, resistance, electrodes, and insulator. During the engine operation, when high tension current flows through the center electrodes, it ionizes the gas present between the electrode gap, producing spark. The modern spark plug is designed to deliver a powerful ignition spark around 500-3,500 times per minute. Temperature at the tip of the spark plug is normally between 500°C and 800°C.

Passenger cars and commercial vehicles such as heavy-duty trucks and buses integrate more than four spark plugs, depending on the number of cylinders, whereas two-wheelers, small boats petrol generator, mowers, and saws are generally integrated with single spark plug.

Numerous leading players in the market invest significantly in R&D to enhance their technical expertise and product portfolio. For instance, in November 2016, Federal-Mogul Corporation, a leading spark plug manufacturer, launched M18, a new industrial spark plug, combination of optimum materials and maximum electrode area, which provides increased resistance to spark erosion and chemical corrosion.

Increase in sales & production of gasoline powered vehicles globally and rise in number of petrol-based generators, small & recreational boats, and jet skis drive the market growth. However, technical advancements to downsize automotive engines and growth in penetration of electric vehicle & electrically powered working equipment such as

mowers and saws hinder the growth of the spark plug market. Irrespective of these challenges, rising demand of natural gas based vehicle, and technological advancements, such as new electrode material, are expected to create numerous opportunities for the market players, thus supplementing the market growth. The market segmentation is based on electrode material, application, and geography. Electrode material segment is divided into copper, platinum, and iridium. On the basis of application, the market is categorized into automobile, marine, industrial, and others (working equipment, brush cutters, scythes, mowers, saws). Geographically, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. North America is divided into the U.S., Canada, and Mexico, whereas Europe is classified into Germany, France, Italy, UK, and rest of Europe. Asia-Pacific is further segmented into China, Australia, Japan, India, and rest of Asia-Pacific. Latin America, Middle East, and Africa are considered under LAMEA. The key players profiled in the report include NGK SPARK PLUG CO. LTD, Federal-Mogul Corporation, Denso Corporation, Robert Bosch GmbH, FRAM Group IP LLC (Autolite), Enerpulse Technologie, Stitt Spark Plug, Acdelco Corporation, E3 Sparkplugs, Zhuzhou Torch Spark Plug, Weichai Power Co. Ltd., MSD Performance, Ford Motor Company, and Valeo.

KEY BENEFITS

The report includes an extensive analysis of the factors that drive as well as restrain the global spark plug market.

The market projections from 2014 to 2022 are included along with the affecting factors.

The report also provides quantitative as well as qualitative trends to assist the stakeholders understand the situations prevailing in the market.

An in-depth analysis of key segments demonstrates stakeholders with different types of electrode material and application of spark plug.

Competitive intelligence highlights the business practices followed by leading market players across various geographies.

KEY MARKET SEGMENTS OF SPARK PLUG MARKET

BY ELECTRODE MATERIAL

Copper

Iridium

Platinum

BY APPLICATION

Automobile

Marine

Industrial

Others (working equipment, brush cutters, scythes, mowers, saws)

BY GEOGRAPHY

North America

U.S.

Canada

Mexico

Europe

Germany

France

Italy

UK

Rest of Europe

Asia-Pacific

China

Australia

Japan

India

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

Contents

CHAPTER 1 INTRODUCTION

- 1.1. Report Description
- 1.2. Key Benefits
- 1.3. Key Market Segments
- 1.4. Research Methodology
 - 1.4.1. Secondary Research
 - 1.4.2. Primary Research
 - 1.4.3. Analyst Tools and Models

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3 MARKET OVERVIEW

- 3.1. Market Definition and Scope
- 3.2. Key Findings
 - 3.2.1. Top Winning Strategies
 - 3.2.2. Top Investment Pockets
- 3.3. Porters Five Forces Analysis
 - 3.3.1. Bargaining Power of Suppliers
 - 3.3.2. Bargaining Power of Buyers
 - 3.3.3. Threat of Substitutes
 - 3.3.4. Threat of New Entrants
 - 3.3.5. Intensity of Competitive Rivalry
- 3.4. Market Share Analysis, 2015
- 3.5. Market Dynamics
 - 3.5.1. Drivers
 - 3.5.1.1. Increase in Production and Sales of Vehicle Globally
 - 3.5.1.2. Rise in Number of Gasoline or Natural Gas-Powered Generators, and Small & Recreational Boats
 - 3.5.2. Restraints
 - 3.5.2.1. Engine Downsizing to Reduce Vehicle Weight
 - 3.5.2.2. Increasing Penetration of Electric Vehicle & Electrically Powered Working Equipment
 - 3.5.3. Opportunities

3.5.3.1. Advancement in Technology

3.5.3.2. Growth in Demand for Natural Gas-Powered Vehicle

CHAPTER 4 GLOBAL SPARK PLUG MARKET, BY ELECTRODE MATERIAL

4.1. Overview

4.1.1. Market Size and Forecast

4.2. Copper

4.2.1. Market Size and Forecast

4.3. Iridium

4.3.1. Market Size and Forecast

4.4. Platinum

4.4.1. Market Size and Forecast

CHAPTER 5 GLOBAL SPARK PLUG MARKET, BY APPLICATION

5.1. Overview

5.1.1. Market Size and Forecast

5.2. Automobile

5.2.1. Key Market Trends

5.2.2. Growth Factors and Opportunities

5.2.3. Market Size and Forecast

5.3. Marine

5.3.1. Key Market Trends

5.3.2. Growth Factors and Opportunities

5.3.3. Market Size and Forecast

5.4. Industrial

5.4.1. Key Market Trends

5.4.2. Growth Factors and Opportunities

5.4.3. Market Size and Forecast

5.5. Others (Working Equipment, Brush Cutters, Scythes, Mowers, Saws)

5.5.1. Key Market Trends

5.5.2. Growth Factors and Opportunities

5.5.3. Market Size and Forecast

CHAPTER 6 GLOBAL SPARK PLUG MARKET, BY GEOGRAPHY

6.1. Overview

6.1.1. Market Size and Forecast

6.2. North America

6.2.1. Key Market Trends

6.2.2. Growth Factors and Opportunities

6.2.3. Market Size and Forecast

6.2.4. U.S.

6.2.4.1. Market Size and Forecast

6.2.5. Canada

6.2.5.1. Market Size and Forecast

6.2.6. Mexico

6.2.6.1. Market Size and Forecast

6.3. Europe

6.3.1. Key Market Trends

6.3.2. Growth Factors and Opportunities

6.3.3. Market Size and Forecast

6.3.4. U.K.

6.3.4.1. Market Size and Forecast

6.3.5. Germany

6.3.5.1. Market Size and Forecast

6.3.6. France

6.3.6.1. Market Size and Forecast

6.3.7. Italy

6.3.7.1. Market Size and Forecast

6.3.8. Rest of Europe

6.3.8.1. Market Size and Forecast

6.4. Asia-Pacific

6.4.1. Key Market Trends

6.4.2. Growth Factors and Opportunities

6.4.3. Market Size and Forecast

6.4.4. China

6.4.4.1. Market Size and Forecast

6.4.5. Japan

6.4.5.1. Market Size and Forecast

6.4.6. Australia

6.4.6.1. Market Size and Forecast

6.4.7. India

6.4.7.1. Market Size and Forecast

6.4.8. Rest of Asia-Pacific

6.4.8.1. Market Size and Forecast

6.5. LAMEA

- 6.5.1. Key Market Trends
- 6.5.2. Growth Factors and Opportunities
- 6.5.3. Market Size and Forecast
- 6.5.4. Latin America
 - 6.5.4.1. Market Size and Forecast
- 6.5.5. Middle East
 - 6.5.5.1. Market Size and Forecast
- 6.5.6. Africa
 - 6.5.6.1. Market Size and Forecast

CHAPTER 7 RELATED INDUSTRY INSIGHTS

CHAPTER 8 COMPANY PROFILES

- 8.1. Ngk Spark Plug Co., Ltd.
 - 8.1.1. Company Overview
 - 8.1.2. Operating Business Segments
 - 8.1.3. Business Performance
 - 8.1.4. Key Strategic Moves and Developments
- 8.2. Federal-Mogul Corporation
 - 8.2.1. Company Overview
 - 8.2.2. Operating Business Segments
 - 8.2.3. Business Performance
 - 8.2.4. Key Strategic Moves and Developments
- 8.3. Denso Corporation
 - 8.3.1. Company Overview
 - 8.3.2. Operating Business Segments
 - 8.3.3. Business Performance
 - 8.3.4. Key Strategic Moves and Developments
- 8.4. Robert Bosch GMBH
 - 8.4.1. Company Overview
 - 8.4.2. Operating Business Segments
 - 8.4.3. Key Strategic Moves and Developments
- 8.5. Autolite
 - 8.5.1. Company Overview
 - 8.5.2. Operating Business Segments
 - 8.5.3. Business Performance
 - 8.5.4. Key Strategic Moves and Developments
- 8.6. Enerpulse Technologie

- 8.6.1. Company Overview
- 8.6.2. Operating Business Segments
- 8.6.3. Business Performance
- 8.6.4. Key Strategic Moves and Developments
- 8.7. Stitt Spark Plug
 - 8.7.1. Company Overview
 - 8.7.2. Operating Business Segments
 - 8.7.3. Business Performance
 - 8.7.4. Key Strategic Moves and Developments
- 8.8. Acdelco
 - 8.8.1. Company Overview
 - 8.8.2. Operating Business Segments
 - 8.8.3. Key Strategic Moves and Developments
- 8.9. E3 Sparkplugs
 - 8.9.1. Company Overview
 - 8.9.2. Operating Business Segments
 - 8.9.3. Business Performance
 - 8.9.4. Key Strategic Moves and Developments
- 8.10. Zhuzhou Torch Spark Plug
 - 8.10.1. Company Overview
 - 8.10.2. Operating Business Segments
 - 8.10.3. Business Performance
 - 8.10.4. Key Strategic Moves and Developments

List Of Tables

LIST OF TABLES

TABLE 1. GLOBAL SPARK PLUG MARKET, BY ELECTRODE MATERIAL, 2014-2022 (\$MILLION)

TABLE 2. GLOBAL COPPER SPARK PLUG MARKET, REVENUE, BY REGION (\$MILLION), 2014-2022

TABLE 3. GLOBAL IRIIDIUM SPARK PLUG MARKET, REVENUE, BY REGION (\$MILLION), 2014-2022

TABLE 4. GLOBAL PLATINIUM SPARK PLUG MARKET, REVENUE, BY REGION (\$MILLION), 2014-2022

TABLE 5. GLOBAL SPARK PLUG MARKET, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 7. GLOBAL AUTOMOBILE SPARK PLUG MARKET, REVENUE, BY REGION (\$MILLION), 2014-2022

TABLE 8. GLOBAL MARINE SPARK PLUG MARKET, REVENUE, BY REGION (\$MILLION), 2014-2022

TABLE 9. GLOBAL INDUSTRIAL SPARK PLUG MARKET, REVENUE, BY REGION (\$MILLION), 2014-2022

TABLE 10. GLOBAL OTHERS SPARK PLUG MARKET, REVENUE, BY REGION (\$MILLION), 2014-2022

TABLE 11. SPARK PLUG MARKET, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 12. NORTH AMERICA: SPARK PLUG MARKET, BY ELECTRODE MATERIAL, 2014-2022 (\$MILLION)

TABLE 13. NORTH AMERICA: SPARK PLUG MARKET, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 14. NORTH AMERICA: SPARK PLUG MARKET, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 15. EUROPE: SPARK PLUG MARKET, BY ELECTRODE MATERIAL, 2014-2022 (\$MILLION)

TABLE 16. EUROPE: SPARK PLUG MARKET, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 17. EUROPE: SPARK PLUG MARKET, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 18. ASIA-PACIFIC: SPARK PLUG MARKET, BY ELECTRODE MATERIAL, 2014-2022 (\$MILLION)

TABLE 19. ASIA-PACIFIC: SPARK PLUG MARKET, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 20. ASIA-PACIFIC: SPARK PLUG MARKET, BY COUNTRY, 2014-2022

(\$MILLION)

TABLE 21. LAMEA: SPARK PLUG MARKET, BY ELECTRODE MATERIAL, 2014-2022

(\$MILLION)

TABLE 22. LAMEA: SPARK PLUG MARKET, BY APPLICATION, 2014-2022

(\$MILLION)

TABLE 23. LAMEA: SPARK PLUG MARKET, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 24. NGK SPARK PLUG CO., LTD.: COMPANY SNAPSHOT

TABLE 25. NGK SPARK PLUG CO., LTD.: OPERATING SEGMENTS

TABLE 26. FEDERAL-MOGUL CORPORATION: COMPANY SNAPSHOT

TABLE 27. FEDERAL-MOGUL CORPORATION: OPERATING SEGMENTS

TABLE 28. DENSO CORPORATION: COMPANY SNAPSHOT

TABLE 29. DENSO CORPORATION: OPERATING SEGMENTS

TABLE 30. ROBERT BOSCH GMBH: COMPANY SNAPSHOT

TABLE 31. ROBERT BOSCH GMBH: OPERATING SEGMENTS

TABLE 32. AUTOLITE: COMPANY SNAPSHOT

TABLE 33. AUTOLITE: OPERATING SEGMENTS

TABLE 34. ENERPULSE TECHNOLOGIE: COMPANY SNAPSHOT

TABLE 35. ENERPULSE TECHNOLOGIE: OPERATING SEGMENTS

TABLE 36. STITT SPARK PLUG: COMPANY SNAPSHOT

TABLE 37. STITT SPARK PLUG: OPERATING SEGMENTS

TABLE 38. ACDELCO: COMPANY SNAPSHOT

TABLE 39. ACDELCO: OPERATING SEGMENTS

TABLE 40. E3 SPARKPLUGS: COMPANY SNAPSHOT

TABLE 41. E3 SPARKPLUGS: OPERATING SEGMENTS

TABLE 42. ZHUZHOU TORCH SPARK PLUG: COMPANY SNAPSHOT

TABLE 43. ZHUZHOU TORCH SPARK PLUG: OPERATING SEGMENTS

List Of Figures

LIST OF FIGURES

FIGURE 1. TOP WINNING STRATEGIES: PERCENTAGE DISTRIBUTION (2013-2016)

FIGURE 2. TOP WINNING STRATEGIES: NATURE and TYPE

FIGURE 3. TOP INVESTMENT POCKETS in GLOBAL SPARK PLUG MARKET, BY APPLICATION

FIGURE 4. PORTERS FIVE FORCES ANALYSIS

FIGURE 5. MARKET SHARE ANALYSIS, 2015

FIGURE 6. GLOBAL SPARK PLUG MARKET SHARE, BY ELECTRODE MATERIAL, 2014 & 2022 (%SHARE)

FIGURE 7. GLOBAL COPPER SPARK PLUG MARKET, COMPARATIVE REGIONAL MARKET SHARE ANALYSIS (%), 2014 & 2022

FIGURE 8. GLOBAL COPPER SPARK PLUG MARKET, REVENUE, (\$MILLION), 2014-2022

FIGURE 9. GLOBAL IRIIDIUM SPARK PLUG MARKET, COMPARATIVE REGIONAL MARKET SHARE ANALYSIS (%), 2014 & 2022

FIGURE 10. GLOBAL IRIIDIUM SPARK PLUG MARKET, REVENUE, (\$MILLION), 2014-2022

FIGURE 11. GLOBAL PLATINIUM SPARK PLUG MARKET, COMPARATIVE REGIONAL MARKET SHARE ANALYSIS (%), 2014 & 2022

FIGURE 12. GLOBAL PLATINIUM SPARK PLUG MARKET, REVENUE, (\$MILLION), 2014-2022

FIGURE 13. GLOBAL SPARK PLUG MARKET SHARE, BY APPLICATION, 2014 & 2022 (%SHARE)

FIGURE 14. GLOBAL AUTOMOBILE SPARK PLUG MARKET, COMPARATIVE REGIONAL MARKET SHARE ANALYSIS (%), 2014 & 2022

FIGURE 15. GLOBAL AUTOMOBILE SPARK PLUG MARKET, REVENUE, (\$MILLION), 2014-2022

FIGURE 16. GLOBAL MARINE SPARK PLUG MARKET, COMPARATIVE REGIONAL MARKET SHARE ANALYSIS (%), 2014 & 2022

FIGURE 17. GLOBAL MARINE SPARK PLUG MARKET, REVENUE, (\$MILLION), 2014-2022

FIGURE 18. GLOBAL INDUSTRIAL SPARK PLUG MARKET, COMPARATIVE REGIONAL MARKET SHARE ANALYSIS (%), 2014 & 2022

FIGURE 19. GLOBAL INDUSTRIAL SPARK PLUG MARKET, REVENUE, (\$MILLION), 2014-2022

FIGURE 20. GLOBAL OTHERS SPARK PLUG MARKET, COMPARATIVE REGIONAL MARKET SHARE ANALYSIS (%), 2014 & 2022

FIGURE 21. GLOBAL OTHERS SPARK PLUG MARKET, REVENUE, (\$MILLION), 2014-2022

FIGURE 22. GLOBAL SPARK PLUG MARKET SHARE, BY REGION, 2014 & 2022 (%SHARE)

FIGURE 23. NORTH AMERICA: SPARK PLUG MARKET SHARE BY ELECTRODE MATERIAL (% SHARE), 2014 & 2022

FIGURE 24. NORTH AMERICA: SPARK PLUG MARKET SHARE, BY APPLICATION (% SHARE), 2014 & 2022

FIGURE 25. NORTH AMERICA: SPARK PLUG MARKET, REVENUE (\$MILLION), 2014-2022

FIGURE 26. U.S.: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 27. CANADA: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 28. MEXICO: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 29. EUROPE: SPARK PLUG MARKET SHARE BY ELECTRODE MATERIAL (% SHARE), 2014 & 2022

FIGURE 30. EUROPE: SPARK PLUG MARKET SHARE, BY APPLICATION (% SHARE), 2014 & 2022

FIGURE 31. EUROPE: SPARK PLUG MARKET, REVENUE (\$MILLION), 2014-2022

FIGURE 32. U.K.: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 33. GERMANY: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 34. FRANCE: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 35. ITALY: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 36. REST of EUROPE: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 37. ASIA-PACIFIC: SPARK PLUG MARKET SHARE BY ELECTRODE MATERIAL (% SHARE), 2014 & 2022

FIGURE 38. ASIA-PACIFIC: SPARK PLUG MARKET SHARE, BY APPLICATION (% SHARE), 2014 & 2022

FIGURE 39. ASIA-PACIFIC: SPARK PLUG MARKET, REVENUE (\$MILLION), 2014-2022

FIGURE 40. CHINA. SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 41. JAPAN: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 42. AUSTRALIA: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 43. INDIA: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 44. REST of ASIA-PACIFIC: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 45. LAMEA: SPARK PLUG MARKET SHARE BY ELECTRODE MATERIAL (% SHARE), 2014 & 2022

FIGURE 46. LAMEA: SPARK PLUG MARKET SHARE, BY APPLICATION (% SHARE), 2014 & 2022

FIGURE 47. LAMEA: SPARK PLUG MARKET, REVENUE (\$MILLION), 2014-2022

FIGURE 48. LATIN AMERICA: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 49. MIDDLE EAST: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 50. AFRICA: SPARK PLUG MARKET SIZE, 2014-2022 (\$MILLION)

FIGURE 51. COMPANY SNAPSHOT

FIGURE 52. FEDERAL-MOGUL CORPORATION: COMPANY SNAPSHOT

FIGURE 53. DENSO CORPORATION: COMPANY SNAPSHOT

FIGURE 54. ROBERT BOSCH GMBH: COMPANY SNAPSHOT

FIGURE 55. AUTOLITE: COMPANY SNAPSHOT

FIGURE 56. ENERPULSE TECHNOLOGIE: COMPANY SNAPSHOT

FIGURE 57. STITT SPARK PLUG: COMPANY SNAPSHOT

FIGURE 58. E3 SPARKPLUGS: COMPANY SNAPSHOT

FIGURE 59. ZHUZHOU TORCH SPARK PLUG: COMPANY SNAPSHOT

I would like to order

Product name: Spark Plug Market by Electrode Material (Copper, Iridium, and Platinum) and Application (Automobile, Marine, Industrial, and others {working equipment, brush cutters, scythes, mowers, and saws}) - Global Opportunity Analysis and Industry Forecast, 2014-2022

Product link: <https://marketpublishers.com/r/S5415D42628EN.html>

Price: US\$ 4,999.00 (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/S5415D42628EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970