

Zinc Dialkyl Dithiophosphate Additives Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/Z1DFD5A3E4A6EN.html>

Date: March 2022

Pages: 77

Price: US\$ 3,250.00 (Single User License)

ID: Z1DFD5A3E4A6EN

Abstracts

Zinc dialkyl dithiophosphate (commonly known as ZDDP) is a family of coordination compounds developed in the 1940s characterized by anions with dialkyl dithiophosphoric acids such as ammonium diethyldithiophosphate. Combined zinc. These uncharged compounds are not salts. They are soluble in non-polar solvents and long-chain derivatives are readily soluble in mineral and synthetic oils used as lubricants.

ZDDP Additives improve the corrosion protection against metal surfaces thereby augmenting the life of engine and components.

This report contains market size and forecasts of Zinc Dialkyl Dithiophosphate Additives in global, including the following market information:

Global Zinc Dialkyl Dithiophosphate Additives Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Zinc Dialkyl Dithiophosphate Additives Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five Zinc Dialkyl Dithiophosphate Additives companies in 2021 (%)

The global Zinc Dialkyl Dithiophosphate Additives market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$

Million by 2028.

Primary ZDDP Additives Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Zinc Dialkyl Dithiophosphate Additives include Lubrizol, Infineum International, Afton Chemical, Chevron Oronite, Tianhe, CNPC, HighLube, Wuxi South Petroleum and Richful, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Zinc Dialkyl Dithiophosphate Additives manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Zinc Dialkyl Dithiophosphate Additives Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Zinc Dialkyl Dithiophosphate Additives Market Segment Percentages, by Type, 2021 (%)

Primary ZDDP Additives

Secondary ZDDP Additives

Global Zinc Dialkyl Dithiophosphate Additives Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Zinc Dialkyl Dithiophosphate Additives Market Segment Percentages, by Application, 2021 (%)

Automotive Application

Industrial Application

Others

Global Zinc Dialkyl Dithiophosphate Additives Market, By Region and Country,
2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Zinc Dialkyl Dithiophosphate Additives Market Segment Percentages, By Region
and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Zinc Dialkyl Dithiophosphate Additives revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Zinc Dialkyl Dithiophosphate Additives revenues share in global market,

2021 (%)

Key companies Zinc Dialkyl Dithiophosphate Additives sales in global market, 2017-2022 (Estimated), (Tons)

Key companies Zinc Dialkyl Dithiophosphate Additives sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Lubrizol

Infineum International

Afton Chemical

Chevron Oronite

Tianhe

CNPC

HighLube

Wuxi South Petroleum

Richful

Prasol Chemicals

KANGTAI

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Zinc Dialkyl Dithiophosphate Additives Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Zinc Dialkyl Dithiophosphate Additives Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL ZINC DIALKYL DITHIOPHOSPHATE ADDITIVES OVERALL MARKET SIZE

- 2.1 Global Zinc Dialkyl Dithiophosphate Additives Market Size: 2021 VS 2028
- 2.2 Global Zinc Dialkyl Dithiophosphate Additives Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Zinc Dialkyl Dithiophosphate Additives Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Zinc Dialkyl Dithiophosphate Additives Players in Global Market
- 3.2 Top Global Zinc Dialkyl Dithiophosphate Additives Companies Ranked by Revenue
- 3.3 Global Zinc Dialkyl Dithiophosphate Additives Revenue by Companies
- 3.4 Global Zinc Dialkyl Dithiophosphate Additives Sales by Companies
- 3.5 Global Zinc Dialkyl Dithiophosphate Additives Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Zinc Dialkyl Dithiophosphate Additives Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Zinc Dialkyl Dithiophosphate Additives Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Zinc Dialkyl Dithiophosphate Additives Players in Global Market
 - 3.8.1 List of Global Tier 1 Zinc Dialkyl Dithiophosphate Additives Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 Zinc Dialkyl Dithiophosphate Additives Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Global Zinc Dialkyl Dithiophosphate Additives Market Size Markets, 2021 & 2028

4.1.2 Primary ZDDP Additives

4.1.3 Secondary ZDDP Additives

4.2 By Type - Global Zinc Dialkyl Dithiophosphate Additives Revenue & Forecasts

4.2.1 By Type - Global Zinc Dialkyl Dithiophosphate Additives Revenue, 2017-2022

4.2.2 By Type - Global Zinc Dialkyl Dithiophosphate Additives Revenue, 2023-2028

4.2.3 By Type - Global Zinc Dialkyl Dithiophosphate Additives Revenue Market Share, 2017-2028

4.3 By Type - Global Zinc Dialkyl Dithiophosphate Additives Sales & Forecasts

4.3.1 By Type - Global Zinc Dialkyl Dithiophosphate Additives Sales, 2017-2022

4.3.2 By Type - Global Zinc Dialkyl Dithiophosphate Additives Sales, 2023-2028

4.3.3 By Type - Global Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028

4.4 By Type - Global Zinc Dialkyl Dithiophosphate Additives Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global Zinc Dialkyl Dithiophosphate Additives Market Size, 2021 & 2028

5.1.2 Automotive Application

5.1.3 Industrial Application

5.1.4 Others

5.2 By Application - Global Zinc Dialkyl Dithiophosphate Additives Revenue & Forecasts

5.2.1 By Application - Global Zinc Dialkyl Dithiophosphate Additives Revenue, 2017-2022

5.2.2 By Application - Global Zinc Dialkyl Dithiophosphate Additives Revenue, 2023-2028

5.2.3 By Application - Global Zinc Dialkyl Dithiophosphate Additives Revenue Market Share, 2017-2028

5.3 By Application - Global Zinc Dialkyl Dithiophosphate Additives Sales & Forecasts

5.3.1 By Application - Global Zinc Dialkyl Dithiophosphate Additives Sales, 2017-2022

5.3.2 By Application - Global Zinc Dialkyl Dithiophosphate Additives Sales, 2023-2028

5.3.3 By Application - Global Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028

5.4 By Application - Global Zinc Dialkyl Dithiophosphate Additives Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Zinc Dialkyl Dithiophosphate Additives Market Size, 2021 & 2028

6.2 By Region - Global Zinc Dialkyl Dithiophosphate Additives Revenue & Forecasts

6.2.1 By Region - Global Zinc Dialkyl Dithiophosphate Additives Revenue, 2017-2022

6.2.2 By Region - Global Zinc Dialkyl Dithiophosphate Additives Revenue, 2023-2028

6.2.3 By Region - Global Zinc Dialkyl Dithiophosphate Additives Revenue Market Share, 2017-2028

6.3 By Region - Global Zinc Dialkyl Dithiophosphate Additives Sales & Forecasts

6.3.1 By Region - Global Zinc Dialkyl Dithiophosphate Additives Sales, 2017-2022

6.3.2 By Region - Global Zinc Dialkyl Dithiophosphate Additives Sales, 2023-2028

6.3.3 By Region - Global Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Zinc Dialkyl Dithiophosphate Additives Revenue, 2017-2028

6.4.2 By Country - North America Zinc Dialkyl Dithiophosphate Additives Sales, 2017-2028

6.4.3 US Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

6.4.4 Canada Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

6.4.5 Mexico Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Zinc Dialkyl Dithiophosphate Additives Revenue, 2017-2028

6.5.2 By Country - Europe Zinc Dialkyl Dithiophosphate Additives Sales, 2017-2028

6.5.3 Germany Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

6.5.4 France Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

6.5.5 U.K. Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

6.5.6 Italy Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

6.5.7 Russia Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

6.5.8 Nordic Countries Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

6.5.9 Benelux Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Zinc Dialkyl Dithiophosphate Additives Revenue, 2017-2028

- 6.6.2 By Region - Asia Zinc Dialkyl Dithiophosphate Additives Sales, 2017-2028
- 6.6.3 China Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028
- 6.6.4 Japan Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028
- 6.6.5 South Korea Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028
- 6.6.6 Southeast Asia Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028
- 6.6.7 India Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028
- 6.7 South America
 - 6.7.1 By Country - South America Zinc Dialkyl Dithiophosphate Additives Revenue, 2017-2028
 - 6.7.2 By Country - South America Zinc Dialkyl Dithiophosphate Additives Sales, 2017-2028
 - 6.7.3 Brazil Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028
 - 6.7.4 Argentina Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028
- 6.8 Middle East & Africa
 - 6.8.1 By Country - Middle East & Africa Zinc Dialkyl Dithiophosphate Additives Revenue, 2017-2028
 - 6.8.2 By Country - Middle East & Africa Zinc Dialkyl Dithiophosphate Additives Sales, 2017-2028
 - 6.8.3 Turkey Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028
 - 6.8.4 Israel Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028
 - 6.8.5 Saudi Arabia Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028
 - 6.8.6 UAE Zinc Dialkyl Dithiophosphate Additives Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

- 7.1 Lubrizol
 - 7.1.1 Lubrizol Corporate Summary
 - 7.1.2 Lubrizol Business Overview
 - 7.1.3 Lubrizol Zinc Dialkyl Dithiophosphate Additives Major Product Offerings
 - 7.1.4 Lubrizol Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)
 - 7.1.5 Lubrizol Key News
- 7.2 Infineum International
 - 7.2.1 Infineum International Corporate Summary
 - 7.2.2 Infineum International Business Overview
 - 7.2.3 Infineum International Zinc Dialkyl Dithiophosphate Additives Major Product Offerings
 - 7.2.4 Infineum International Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)

- 7.2.5 Infineum International Key News
- 7.3 Afton Chemical
 - 7.3.1 Afton Chemical Corporate Summary
 - 7.3.2 Afton Chemical Business Overview
 - 7.3.3 Afton Chemical Zinc Dialkyl Dithiophosphate Additives Major Product Offerings
 - 7.3.4 Afton Chemical Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)
 - 7.3.5 Afton Chemical Key News
- 7.4 Chevron Oronite
 - 7.4.1 Chevron Oronite Corporate Summary
 - 7.4.2 Chevron Oronite Business Overview
 - 7.4.3 Chevron Oronite Zinc Dialkyl Dithiophosphate Additives Major Product Offerings
 - 7.4.4 Chevron Oronite Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)
 - 7.4.5 Chevron Oronite Key News
- 7.5 Tianhe
 - 7.5.1 Tianhe Corporate Summary
 - 7.5.2 Tianhe Business Overview
 - 7.5.3 Tianhe Zinc Dialkyl Dithiophosphate Additives Major Product Offerings
 - 7.5.4 Tianhe Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)
 - 7.5.5 Tianhe Key News
- 7.6 CNPC
 - 7.6.1 CNPC Corporate Summary
 - 7.6.2 CNPC Business Overview
 - 7.6.3 CNPC Zinc Dialkyl Dithiophosphate Additives Major Product Offerings
 - 7.6.4 CNPC Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)
 - 7.6.5 CNPC Key News
- 7.7 HighLube
 - 7.7.1 HighLube Corporate Summary
 - 7.7.2 HighLube Business Overview
 - 7.7.3 HighLube Zinc Dialkyl Dithiophosphate Additives Major Product Offerings
 - 7.7.4 HighLube Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)
 - 7.7.5 HighLube Key News
- 7.8 Wuxi South Petroleum
 - 7.8.1 Wuxi South Petroleum Corporate Summary
 - 7.8.2 Wuxi South Petroleum Business Overview

7.8.3 Wuxi South Petroleum Zinc Dialkyl Dithiophosphate Additives Major Product Offerings

7.8.4 Wuxi South Petroleum Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)

7.8.5 Wuxi South Petroleum Key News

7.9 Richful

7.9.1 Richful Corporate Summary

7.9.2 Richful Business Overview

7.9.3 Richful Zinc Dialkyl Dithiophosphate Additives Major Product Offerings

7.9.4 Richful Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)

7.9.5 Richful Key News

7.10 Prasol Chemicals

7.10.1 Prasol Chemicals Corporate Summary

7.10.2 Prasol Chemicals Business Overview

7.10.3 Prasol Chemicals Zinc Dialkyl Dithiophosphate Additives Major Product Offerings

7.10.4 Prasol Chemicals Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)

7.10.5 Prasol Chemicals Key News

7.11 KANGTAI

7.11.1 KANGTAI Corporate Summary

7.11.2 KANGTAI Zinc Dialkyl Dithiophosphate Additives Business Overview

7.11.3 KANGTAI Zinc Dialkyl Dithiophosphate Additives Major Product Offerings

7.11.4 KANGTAI Zinc Dialkyl Dithiophosphate Additives Sales and Revenue in Global (2017-2022)

7.11.5 KANGTAI Key News

8 GLOBAL ZINC DIALKYL DITHIOPHOSPHATE ADDITIVES PRODUCTION CAPACITY, ANALYSIS

8.1 Global Zinc Dialkyl Dithiophosphate Additives Production Capacity, 2017-2028

8.2 Zinc Dialkyl Dithiophosphate Additives Production Capacity of Key Manufacturers in Global Market

8.3 Global Zinc Dialkyl Dithiophosphate Additives Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 ZINC DIALKYL DITHIOPHOSPHATE ADDITIVES SUPPLY CHAIN ANALYSIS

10.1 Zinc Dialkyl Dithiophosphate Additives Industry Value Chain

10.2 Zinc Dialkyl Dithiophosphate Additives Upstream Market

10.3 Zinc Dialkyl Dithiophosphate Additives Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Zinc Dialkyl Dithiophosphate Additives Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Zinc Dialkyl Dithiophosphate Additives in Global Market

Table 2. Top Zinc Dialkyl Dithiophosphate Additives Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Zinc Dialkyl Dithiophosphate Additives Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Zinc Dialkyl Dithiophosphate Additives Revenue Share by Companies, 2017-2022

Table 5. Global Zinc Dialkyl Dithiophosphate Additives Sales by Companies, (Tons), 2017-2022

Table 6. Global Zinc Dialkyl Dithiophosphate Additives Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Zinc Dialkyl Dithiophosphate Additives Price (2017-2022) & (US\$/Ton)

Table 8. Global Manufacturers Zinc Dialkyl Dithiophosphate Additives Product Type

Table 9. List of Global Tier 1 Zinc Dialkyl Dithiophosphate Additives Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Zinc Dialkyl Dithiophosphate Additives Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Zinc Dialkyl Dithiophosphate Additives Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Zinc Dialkyl Dithiophosphate Additives Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Zinc Dialkyl Dithiophosphate Additives Sales (Tons), 2017-2022

Table 15. By Type - Global Zinc Dialkyl Dithiophosphate Additives Sales (Tons), 2023-2028

Table 16. By Application – Global Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Zinc Dialkyl Dithiophosphate Additives Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Zinc Dialkyl Dithiophosphate Additives Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Zinc Dialkyl Dithiophosphate Additives Sales (Tons),

2017-2022

Table 20. By Application - Global Zinc Dialkyl Dithiophosphate Additives Sales (Tons), 2023-2028

Table 21. By Region – Global Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Zinc Dialkyl Dithiophosphate Additives Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Zinc Dialkyl Dithiophosphate Additives Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Zinc Dialkyl Dithiophosphate Additives Sales (Tons), 2017-2022

Table 25. By Region - Global Zinc Dialkyl Dithiophosphate Additives Sales (Tons), 2023-2028

Table 26. By Country - North America Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Zinc Dialkyl Dithiophosphate Additives Sales, (Tons), 2017-2022

Table 29. By Country - North America Zinc Dialkyl Dithiophosphate Additives Sales, (Tons), 2023-2028

Table 30. By Country - Europe Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Zinc Dialkyl Dithiophosphate Additives Sales, (Tons), 2017-2022

Table 33. By Country - Europe Zinc Dialkyl Dithiophosphate Additives Sales, (Tons), 2023-2028

Table 34. By Region - Asia Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Zinc Dialkyl Dithiophosphate Additives Sales, (Tons), 2017-2022

Table 37. By Region - Asia Zinc Dialkyl Dithiophosphate Additives Sales, (Tons), 2023-2028

Table 38. By Country - South America Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Zinc Dialkyl Dithiophosphate Additives Sales, (Tons), 2017-2022

Table 41. By Country - South America Zinc Dialkyl Dithiophosphate Additives Sales, (Tons), 2023-2028

Table 42. By Country - Middle East & Africa Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Zinc Dialkyl Dithiophosphate Additives Sales, (Tons), 2017-2022

Table 45. By Country - Middle East & Africa Zinc Dialkyl Dithiophosphate Additives Sales, (Tons), 2023-2028

Table 46. Lubrizol Corporate Summary

Table 47. Lubrizol Zinc Dialkyl Dithiophosphate Additives Product Offerings

Table 48. Lubrizol Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 49. Infineum International Corporate Summary

Table 50. Infineum International Zinc Dialkyl Dithiophosphate Additives Product Offerings

Table 51. Infineum International Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 52. Afton Chemical Corporate Summary

Table 53. Afton Chemical Zinc Dialkyl Dithiophosphate Additives Product Offerings

Table 54. Afton Chemical Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 55. Chevron Oronite Corporate Summary

Table 56. Chevron Oronite Zinc Dialkyl Dithiophosphate Additives Product Offerings

Table 57. Chevron Oronite Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 58. Tianhe Corporate Summary

Table 59. Tianhe Zinc Dialkyl Dithiophosphate Additives Product Offerings

Table 60. Tianhe Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 61. CNPC Corporate Summary

Table 62. CNPC Zinc Dialkyl Dithiophosphate Additives Product Offerings

Table 63. CNPC Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

- Table 64. HighLube Corporate Summary
- Table 65. HighLube Zinc Dialkyl Dithiophosphate Additives Product Offerings
- Table 66. HighLube Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 67. Wuxi South Petroleum Corporate Summary
- Table 68. Wuxi South Petroleum Zinc Dialkyl Dithiophosphate Additives Product Offerings
- Table 69. Wuxi South Petroleum Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 70. Richful Corporate Summary
- Table 71. Richful Zinc Dialkyl Dithiophosphate Additives Product Offerings
- Table 72. Richful Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 73. Prasol Chemicals Corporate Summary
- Table 74. Prasol Chemicals Zinc Dialkyl Dithiophosphate Additives Product Offerings
- Table 75. Prasol Chemicals Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 76. KANGTAI Corporate Summary
- Table 77. KANGTAI Zinc Dialkyl Dithiophosphate Additives Product Offerings
- Table 78. KANGTAI Zinc Dialkyl Dithiophosphate Additives Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 79. Zinc Dialkyl Dithiophosphate Additives Production Capacity (Tons) of Key Manufacturers in Global Market, 2020-2022 (Tons)
- Table 80. Global Zinc Dialkyl Dithiophosphate Additives Capacity Market Share of Key Manufacturers, 2020-2022
- Table 81. Global Zinc Dialkyl Dithiophosphate Additives Production by Region, 2017-2022 (Tons)
- Table 82. Global Zinc Dialkyl Dithiophosphate Additives Production by Region, 2023-2028 (Tons)
- Table 83. Zinc Dialkyl Dithiophosphate Additives Market Opportunities & Trends in Global Market
- Table 84. Zinc Dialkyl Dithiophosphate Additives Market Drivers in Global Market
- Table 85. Zinc Dialkyl Dithiophosphate Additives Market Restraints in Global Market
- Table 86. Zinc Dialkyl Dithiophosphate Additives Raw Materials
- Table 87. Zinc Dialkyl Dithiophosphate Additives Raw Materials Suppliers in Global Market
- Table 88. Typical Zinc Dialkyl Dithiophosphate Additives Downstream
- Table 89. Zinc Dialkyl Dithiophosphate Additives Downstream Clients in Global Market
- Table 90. Zinc Dialkyl Dithiophosphate Additives Distributors and Sales Agents in

Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. Zinc Dialkyl Dithiophosphate Additives Segment by Type
- Figure 2. Zinc Dialkyl Dithiophosphate Additives Segment by Application
- Figure 3. Global Zinc Dialkyl Dithiophosphate Additives Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Zinc Dialkyl Dithiophosphate Additives Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Zinc Dialkyl Dithiophosphate Additives Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Zinc Dialkyl Dithiophosphate Additives Sales in Global Market: 2017-2028 (Tons)
- Figure 8. The Top 3 and 5 Players Market Share by Zinc Dialkyl Dithiophosphate Additives Revenue in 2021
- Figure 9. By Type - Global Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028
- Figure 10. By Type - Global Zinc Dialkyl Dithiophosphate Additives Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Zinc Dialkyl Dithiophosphate Additives Price (US\$/Ton), 2017-2028
- Figure 12. By Application - Global Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028
- Figure 13. By Application - Global Zinc Dialkyl Dithiophosphate Additives Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Zinc Dialkyl Dithiophosphate Additives Price (US\$/Ton), 2017-2028
- Figure 15. By Region - Global Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028
- Figure 16. By Region - Global Zinc Dialkyl Dithiophosphate Additives Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Zinc Dialkyl Dithiophosphate Additives Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028
- Figure 19. US Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn),

2017-2028

Figure 22. By Country - Europe Zinc Dialkyl Dithiophosphate Additives Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028

Figure 24. Germany Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 25. France Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Zinc Dialkyl Dithiophosphate Additives Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028

Figure 33. China Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 37. India Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Zinc Dialkyl Dithiophosphate Additives Revenue Market Share, 2017-2028

Figure 39. By Country - South America Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028

Figure 40. Brazil Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Zinc Dialkyl Dithiophosphate Additives

Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Zinc Dialkyl Dithiophosphate Additives Sales Market Share, 2017-2028

Figure 44. Turkey Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Zinc Dialkyl Dithiophosphate Additives Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Zinc Dialkyl Dithiophosphate Additives Production Capacity (Tons), 2017-2028

Figure 49. The Percentage of Production Zinc Dialkyl Dithiophosphate Additives by Region, 2021 VS 2028

Figure 50. Zinc Dialkyl Dithiophosphate Additives Industry Value Chain

Figure 51. Marketing Channels

I would like to order

Product name: Zinc Dialkyl Dithiophosphate Additives Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/Z1DFD5A3E4A6EN.html>

Price: US\$ 3,250.00 (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/Z1DFD5A3E4A6EN.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