

Global High-purity Oxygen for Industrial Use Market Growth 2023-2029

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Abstracts

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High-purity oxygen is a colorless, odorless and tasteless gas with a molecular formula of O₂. High-purity oxygen is used for chemical vapor deposition of silicon dioxide; as an oxidation source and as a reactant to produce high-purity water; dry oxidation; mixed with carbon tetrafluoride for plasma etching. Oxygen's primary use stems from its life-sustaining and combustion-supporting properties; it is widely used in the metallurgical industry. It can also be used for water treatment. All oxidation reactions and combustion processes require oxygen, such as the removal of impurities such as sulfur and phosphorus during steelmaking. The temperature of the oxygen and acetylene mixture when burning is as high as 3500 °C, which is used for welding and cutting of steel. Glass manufacturing, cement production, mineral roasting, and hydrocarbon processing all require oxygen. Liquid oxygen is also used as rocket fuel, which is cheaper than other fuels.

LPI (LP Information)' newest research report, the "High-purity Oxygen for Industrial Use Industry Forecast" looks at past sales and reviews total world High-purity Oxygen for Industrial Use sales in 2022, providing a comprehensive analysis by region and market sector of projected High-purity Oxygen for Industrial Use sales for 2023 through 2029. With High-purity Oxygen for Industrial Use sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High-purity Oxygen for Industrial Use industry.

This Insight Report provides a comprehensive analysis of the global High-purity Oxygen for Industrial Use landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity.

This report also analyzes the strategies of leading global companies with a focus on High-purity Oxygen for Industrial Use portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High-purity Oxygen for Industrial Use market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High-purity Oxygen for Industrial Use and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global High-purity Oxygen for Industrial Use.

The global High-purity Oxygen for Industrial Use market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for High-purity Oxygen for Industrial Use is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for High-purity Oxygen for Industrial Use is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for High-purity Oxygen for Industrial Use is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key High-purity Oxygen for Industrial Use players cover Linde Group, AirLiquide, Praxair, Air Product, Taiyo Nippon Sanso, Airgas, MESSER, Air Water and Yingde Gases, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of High-purity Oxygen for Industrial Use market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

99.5%-99.995%

Above 99.995%

Segmentation by application

Metallurgy

Welding and Cutting

Chemical

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Linde Group

AirLiquide

Praxair

Air Product

Taiyo Nippon Sanso

Airgas

MESSER

Air Water

Yingde Gases

HANGZHOU HANGYANG

SCGC

Baosteel Gases

Foshan Huate

Key Questions Addressed in this Report

What is the 10-year outlook for the global High-purity Oxygen for Industrial Use market?

What factors are driving High-purity Oxygen for Industrial Use market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do High-purity Oxygen for Industrial Use market opportunities vary by end market size?

How does High-purity Oxygen for Industrial Use break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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