

High-purity Oxygen for Industrial Use Market, Global Outlook and Forecast 2022-2028

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Abstracts

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.

This report contains market size and forecasts of High-purity Oxygen for Industrial Use in global, including the following market information:

Global High-purity Oxygen for Industrial Use Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global High-purity Oxygen for Industrial Use Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five High-purity Oxygen for Industrial Use companies in 2021 (%)

The global High-purity Oxygen for Industrial Use market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast

period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

99.5%-99.995% Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of High-purity Oxygen for Industrial Use include Linde Group, AirLiquide, Praxair, Air Product, Taiyo Nippon Sanso, Airgas, MESSER, Air Water and Yingde Gases, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the High-purity Oxygen for Industrial Use 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 High-purity Oxygen for Industrial Use Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global High-purity Oxygen for Industrial Use Market Segment Percentages, by Type, 2021 (%)

99.5%-99.995%

Above 99.995%

Global High-purity Oxygen for Industrial Use Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global High-purity Oxygen for Industrial Use Market Segment Percentages, by Application, 2021 (%)

Metallurgy

Welding and Cutting

Chemical

Others

Global High-purity Oxygen for Industrial Use Market, By Region and Country,
2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global High-purity Oxygen for Industrial Use 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 High-purity Oxygen for Industrial Use revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies High-purity Oxygen for Industrial Use revenues share in global market, 2021 (%)

Key companies High-purity Oxygen for Industrial Use sales in global market, 2017-2022 (Estimated), (Tons)

Key companies High-purity Oxygen for Industrial Use sales share in global market, 2021 (%)

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

Linde Group

AirLiquide

Praxair

Air Product

Taiyo Nippon Sanso

Airgas

MESSER

Air Water

Yingde Gases

HANGZHOU HANGYANG

SCGC

Baosteel Gases

Foshan Huate

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