

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Quenching Oil Market 2018, Forecast to 2023

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Abstracts

In materials science, quenching is the rapid cooling of a workpiece in water, oil or air to obtain certain material properties. A type of heat treating, quenching prevents undesired low-temperature processes, such as phase transformations, from occurring. It does this by reducing the window of time during which these undesired reactions are both thermodynamically favorable, and kinetically accessible; for instance, quenching can reduce the crystal grain size of both metallic and plastic materials, increasing their hardness.

Quenching oil should have the following characteristics: higher flash point to reduce the risk of fire; lower viscosity, to reduce the oil attached to the workpiece caused by the loss; not easy oxidation, stable performance, to slow down the aging and prolongation Service life.

SCOPE OF THE REPORT:

This report focuses on the Quenching Oil in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The global Quenching Oil industry has a low concentration. The major manufacturers are concentrated in China, North America, Europe and Japan, such as Gulf Oil-Houghton, Idemitsu Kosan, FUCHS, JX Holding and Mobil Industrial Lubricants. At present, Gulf Oil-Houghton is the world leader, holding 10.55% production market share in 2017.

The global consumption of Quenching Oil increases from 428.3 K MT in 2013 to 493.1 K MT in 2017, at a CAGR of more than 3.58%. In 2017, the global Quenching Oil consumption market is led by North America and North America accounting for about

29.60% of global consumption of Quenching Oil.

Quenching Oil can be mainly divided into Ordinary Quenching Oil, Quick Quenching Oil, Speeding Quench Oil and Quick and Bright Quenching Oil which Ordinary Quenching Oil captures about 41.87% of Quenching Oil market in 2017.

The worldwide market for Quenching Oil is expected to grow at a CAGR of roughly 3.2% over the next five years, will reach 1150 million US\$ in 2023, from 950 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Gulf Oil-Houghton

Idemitsu Kosan

FUCHS

JX Holding

Mobil Industrial Lubricants

LUKOIL

Dow

Valvoline

BP Castrol

Chevron

Total S.A.

ConocoPhillips

CPC

Eni

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Ordinary Quenching Oil

Quick Quenching Oil

Speeding Quench Oil

Quick and Bright Quenching Oil

Others

Market Segment by Applications, can be divided into

Metallurgical Industry

Transportation

Others

There are 15 Chapters to deeply display the global Quenching Oil market.

Chapter 1, to describe Quenching Oil Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Quenching Oil, with sales, revenue, and price of Quenching Oil, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Quenching Oil, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Quenching Oil market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Quenching Oil sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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