

Transformer Oil Market Worth USD 4.3 Billion by 2030 | Asia-Pacific Dominate

Transformer Oil Market is projected to grow at a CAGR of 6.3% from 2021 to 2030.

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According to a new report published by Allied Market Research, The [transformer oil market](#) size was valued at \$2.3 billion in 2020, and is projected to reach \$4.3 Billion by 2030, growing at a CAGR of 6.3% from 2021 to 2030.



Transformer oil serves as both an electrical insulator and a coolant. It has high dielectric strength, which means it can withstand high voltages without conducting electricity. It also has good heat transfer properties, helping to dissipate heat generated during transformer operation.

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The transformer oil market is anticipated to witness robust growth due to rise in demand for electricity from various end-use industries.”

Allied Market Research (AMR)

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Asia-Pacific garnered the highest share in the transformer oil market in 2020, in terms of revenue, and is anticipated

to maintain its dominance throughout the forecast period.

The key players operating and profiled in the report include Neste, Petronas, Sinopec Lubricant Company, Royal Dutch Shell, Exxon Mobil Corporation, Total SE, Chevron Corporation, Exxon Mobil, Repsol, and Gulf Oil International.

Other players operating in the market are Lubrita, Phillips 66 Company, Dow, Cargill Incorporated, Hydrodec Group Plc., Calumet Specialty Products Partners, L.P., Sasol, Hyrax Oil

Sdn Bhd., and San Joaquin Refining Co.

Transformer oil, also known as insulating oil or dielectric oil, is a specialized type of oil used as a coolant and insulating medium in electrical transformers and other high-voltage electrical equipment.

Rise in power consumption, increase in investment in the power sector, and expansion of electrical grids in developing countries are the major factors driving the growth of the global transformer oil market.

Transformer oil, also known as insulating oil, is an oil used in oil-filled transformers, which exhibits electrical insulating property. It has other properties such as superior oxidation stability, superior thermal conductivity, and enhanced stability at high temperatures.

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It effectively prevents the formation of acidic materials and sludge as well as facilitates effective cooling of the transformer core. The electrical properties include dielectric strength, specific resistance, and dielectric dissipation.

Rapid industrialization and modernization in the electrical grids supplement the demand for power transformer, which, in turn, is expected to increase the consumption of transformer oil.

Presence of the high-power consuming countries such as China, Japan, and India are anticipated to contribute toward the growth of the transformer oil market share in the region.

On the contrary, R&D toward development of sustainable and recyclable transformer oil products such as bio-based oil is projected to create opportunity for key players operating in the market.

Asia-Pacific garnered the dominant share in 2020, and anticipated to maintain this trend during the forecast period. This is attributed to numerous factors such as presence of huge consumer base, rapid expansion of the energy sector, high-voltage direct current (HVDC) systems, and the existence of key players in the region.

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On the basis of end use, the power transformer segment held the largest share in 2020, in terms of revenue, and is expected to maintain its dominance during the forecast period.

This growth is attributed to rapid expansion of heavy industries & projects such as dams, power

plants, power grids, refineries, and mills, which further increases the installation of power transformers in these applications.

On the basis of application, the industrial segment garnered the largest share in 2020, in terms of revenue, and is expected to grow at a CAGR of 6.1%, owing to rise in installation of standalone power generation systems in industrial applications attributable to varying loads and power demand in industrial applications.

Rapid growth of industries such as building & construction, chemicals, oil & gas, and railways resulted in rise in demand for transformers, which, in turn, is expected to drive the growth of the market during the forecast period.

Transformer oil plays a critical role in the safe and efficient operation of electrical transformers. It provides electrical insulation, heat dissipation, and dielectric properties, enabling transformers to handle high voltages and currents. Proper maintenance, monitoring, and disposal practices are essential to ensure the optimal performance and environmental sustainability of transformer oil systems.

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Increase in adoption of dry transformers and volatility in raw material prices impede the market growth.

Trending Reports in Energy and Power Industry:

Voltage Transformer Market

<https://www.globenewswire.com/news-release/2024/01/17/2810740/0/en/Voltage-Transformer-Market-to-Reach-42-1-billion-Globally-by-2032-at-6-6-CAGR-Allied-Market-Research.html>

Instrument Transformers Market

<https://www.prnewswire.com/news-releases/instrument-transformers-market-to-reach-17-2-billion-globally-by-2032-at-6-1-cagr-allied-market-research-302006109.html>

Renewable Energy Transformer Market

<https://www.prnewswire.com/news-releases/renewable-energy-transformer-market-to-reach-57-6-billion-globally-by-2032-at-7-1-cagr-allied-market-research-302007056.html>

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[globally-by-2031-at-6-1-cagr-allied-market-research-301767704.html](https://www.globenewswire.com/news-release/2023/10/20/2763936/0/en/AMR-Stated-that-the-Global-Transformer-Oil-Market-to-Reach-4-3-Billion-by-2030-with-6-3-CAGR.html)

Transformer Oil Market

<https://www.globenewswire.com/news-release/2023/10/20/2763936/0/en/AMR-Stated-that-the-Global-Transformer-Oil-Market-to-Reach-4-3-Billion-by-2030-with-6-3-CAGR.html>

Dry Type Transformer Market

<https://www.globenewswire.com/news-release/2020/08/12/2077227/0/en/Dry-Type-Transformer-Market-is-Anticipated-to-Reach-7-3-Billion-by-2027-AMR.html>

Power Transformer Market

<https://www.globenewswire.com/news-release/2020/06/22/2051389/0/en/Power-Transformer-Market-to-Garner-50-8-Billion-by-2027-at-7-9-CAGR-AMR.html>

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