

Top 10 Oil Immersed Transformer Supplier In China: CHSH Excellence at Expo Energía

WENZHOU, ZHEJIANG, CHINA, June 25, 2026 /EINPresswire.com/ -- Walking through the bustling aisles of the Expo Energía Peru, the air hums with the collective energy of thousands of engineers, policy makers, and infrastructure developers. Amidst the vibrant exchange of ideas in Lima, one booth consistently draws a crowd: Shenheng Power Equipment Co., Ltd. ([CHSH](#)). As visitors discuss the future of the Latin American grid, the conversation inevitably turns to the robust hardware anchoring these systems.

In this high-stakes environment, CHSH has solidified its reputation as a [Top 10 Oil Immersed Transformer Supplier In China](#). The oil immersed transformer is the silent workhorse of modern electrification; by utilizing high-grade mineral oil for both superior insulation and efficient heat dissipation, these units manage the intense thermal loads of industrial grids far more effectively than dry-type alternatives. Their ability to maintain core integrity under fluctuating voltages makes them indispensable for the massive energy transition currently sweeping across regions from the Andes to the Mexican highlands.



Energy Synergy

The presence of Chinese industry leaders at Expo Energía signifies more than just a product showcase; it represents a deepening era of international cooperation. In recent years, the trend of Chinese enterprises engaging in the Mexican energy sector has evolved from simple equipment sales to comprehensive strategic partnerships. As Mexico seeks to modernize its aging grid and integrate more renewable sources—particularly solar and wind—the demand for reliable transmission hardware has surged.

Events like Expo Energía serve as a vital platform for this cross-border synergy. By bringing together the technical mastery of a Top 10 Oil Immersed Transformer Supplier In China with the specific geographical challenges of the Americas, these exhibitions catalyze the transition toward sustainable infrastructure. The participation of CHSH highlights a proactive move to support Mexico's energy renaissance, ensuring that as new power plants come online, the distribution network is resilient enough to handle the load. This collaboration not only accelerates local decarbonization goals but also fosters a stable environment for industrial growth, proving that the fusion of Chinese manufacturing efficiency and local market insight is a powerful driver for global energy security.

Engineering Resilience: The CHSH Technical Advantage

At the heart of CHSH's success is a rigorous commitment to technical excellence. As an established oil immersed transformer supplier, the company has spent over two decades refining the internal architecture of its power solutions. The CHSH oil immersed transformer range, including the S11 and S13 series, utilizes a fully sealed corrugated tank design. This structure is not merely aesthetic; it allows the transformer oil to expand and contract with temperature changes while remaining completely isolated from the atmosphere.

By preventing air and moisture from entering the tank, the aging process of the insulation is significantly slowed. This "maintenance-free" philosophy is particularly valuable in the harsh environmental conditions often found in mining operations or coastal industrial zones. Key technical features include:

- High-Quality Core Materials: Using premium cold-rolled silicon steel sheets, the core is engineered to minimize no-load losses and reduce operational noise by over 10 decibels compared to traditional units.
- Oxygen-Free Copper Windings: The high and low voltage windings employ oxygen-free copper, enhancing short-circuit resistance and ensuring the oil immersed transformer can handle sudden surges without internal failure.
- Precision Testing: Every unit undergoes a suite of advanced testing protocols to ensure it meets the stringent standards of the State Grid of China, one of the most demanding utility environments in the world.

A Legacy of Service and Global Reach

Established in 2001 and headquartered in Yueqing City, Zhejiang Province—the renowned "capital of China's electrical appliances"—Shenheng Power Equipment Co., Ltd. has grown from a specialized manufacturer into a global industry benchmark. The company's strength lies in its

ability to provide high-quality complete sets of power transmission and distribution devices for a diverse array of sectors, including metallurgy, shipbuilding, and intelligent high-rise buildings.

As a premier oil immersed transformer supplier, CHSH does not just sell hardware; it provides a lifetime of reliability. The company's service philosophy is built on "synchronizing with the world and win-win with customers." This is evidenced by their international project portfolio. For instance, in a large-scale solar power project in Southeast Asia, CHSH provided a series of 33kV high-voltage oil immersed transformer units customized for high-humidity environments. These units have maintained 100% uptime despite the tropical climate, proving the durability of their "fully insulated and fully sealed" design.

In another case, a major mining enterprise in South America replaced its aging distribution network with CHSH's 10kV three-phase step-down oil immersed transformer systems. The result was a measurable 20% reduction in local grid losses and a significant decrease in the frequency of unscheduled maintenance, allowing the facility to optimize its production cycles.

The Future of Power Distribution

The role of a Top 10 Oil Immersed Transformer Supplier In China is to stay ahead of the curve. Whether it is providing prefabricated substations for rapid urban expansion or intelligent solid-insulated ring main units for smart cities, CHSH remains at the forefront of the industry. By combining sophisticated process equipment with a "borderless" talent philosophy, the enterprise ensures that every oil immersed transformer leaving its factory is a testament to Chinese engineering precision.

As the global energy landscape continues to shift towards high-efficiency and low-carbon solutions, CHSH is committed to leading the charge. Through continued participation in international forums and a relentless focus on product innovation, they are not just powering industries—they are building the foundations for a more connected and energized world. For more information on the complete range of power solutions and technical specifications, please visit the official website: www.shenhengpower.com

Shenheng Power Equipment Co., Ltd.

Shenheng Power Equipment Co., Ltd.

+86 13706771530

[email us here](#)

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