

# Europe Oil Based Electric Drive Unit Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

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## Abstracts

Europe Oil Based Electric Drive Unit Market was valued at USD 3.2 billion in 2023 and is projected to grow at a robust CAGR of 24.8% from 2024 to 2032. The rising demand for industrial automation, combined with stringent regulations promoting energy conservation, is driving market growth. Oil-based electric drive units are integral to delivering the high torque and power density required for electric vehicles (EVs), particularly in heavy-duty or high-performance vehicles like electric trucks and buses. These units efficiently manage mechanical strength and energy demands, making them essential for performance-focused EV applications. The growing adoption of Hybrid Electric Vehicles (HEVs) and the expansion of EV infrastructure in countries such as Norway, Germany, and the Netherlands further support market growth trajectory. Oil-based EDUs are critical in optimizing energy management between internal combustion engines and electric motors in HEVs, enhancing fuel efficiency while reducing emissions. This makes HEVs increasingly appealing to consumers and regulators, thus fueling market growth. By vehicle type, the BEV segment is set to exceed USD 10 billion by 2032, driven by advancements in battery technology and the expansion of charging infrastructure. Improved energy storage capacities and faster charging times are key factors boosting BEV adoption.

In terms of sales channels, the market is split between Original Equipment Manufacturers (OEMs) and the aftermarket. The OEM segment is expected to grow at a CAGR of over 25% by 2032. OEMs are at the forefront of innovation, heavily investing in research and development to create more efficient, reliable, and high-performing EV solutions. Germany is poised to dominate the regional market, with its oil-based electric drive unit sector forecasted to surpass USD 7 billion by 2032. The country's strong government backing for advanced vehicle technologies and the development of EV infrastructure has been instrumental in this growth. Additionally, fluctuating oil prices

and a rising preference for energy-efficient automotive solutions further contribute to the increasing demand for oil-based EDUs in the German market.

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