HPS offers many transformers and line reactors for various Oil & Gas applications. Find the product that best meets your needs:

Drilling Ship
- HPS Titan® Encapsulated Transformer
- Medium Voltage VPI Transformer
- HPS EnduraCoil™ Cast Resin Transformer
- Marine Duty Transformer

Offshore Drilling Platform
- HPS Titan® Encapsulated Transformer
- Medium Voltage VPI Transformer
- HPS EnduraCoil™ Cast Resin Transformer
- Marine Duty Transformer

Onshore Drilling Rig
- HPS Titan® Encapsulated Transformer
- Medium Voltage VPI Transformer
- HPS EnduraCoil™ Cast Resin Transformer
- Land Drilling Duty Transformer

Liquefied Natural Gas
- HPS Titan® Encapsulated Transformer
- Medium Voltage VPI Transformer
- HPS EnduraCoil™ Cast Resin Transformer
- HPS Centurion® Harmonic Mitigating Transformer

Gas Processing
- HPS Titan® Encapsulated Transformer
- Medium Voltage VPI Transformer
- HPS EnduraCoil™ Cast Resin Transformer
- HPS Centurion® Harmonic Mitigating Transformer
- HPS Tribune™ Drive Isolation Transformer

Pipeline & Transportation
- HPS Titan® Encapsulated Transformer
- Medium Voltage VPI Transformer
- HPS EnduraCoil™ Cast Resin Transformer
- HPS Centurion® Harmonic Mitigating Transformer
- HPS Tribune™ Drive Isolation Transformer

Refining & Petrochemical
- HPS Titan® Encapsulated Transformer
- Medium Voltage VPI Transformer
- HPS EnduraCoil™ Cast Resin Transformer
- HPS Centurion® Harmonic Mitigating Transformer
- HPS Tribune™ Drive Isolation Transformer

HPS Oil & Gas Solutions
Transformers & Reactors for your Oil & Gas needs

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HPS Oil & Gas Solutions

The Oil & Gas market covers a broad range of applications and environments, and demands a high level of performance and reliability. Hammond Power Solutions (HPS) offers the Oil & Gas market the largest range of high-performance magnetics solutions that can be engineered to meet the unique requirements of marine, petrochemical, and sour gas environments.

Our Experience

- HPS Titan® - Encapsulated Transformers for Harsh Environments
  These rugged transformers are engineered to perform in the most severe environments, providing reliable electrical power solutions.

- HPS Sentinel® - K-energy efficient K-factor transformers
  These transformers are designed to improve energy efficiency and reduce V/I distortion in power distribution systems.

- HPS Land Drilling Transformers
  These transformers are specifically designed for the land drilling market, offering superior performance and reliability.

- HPS Marine Duty Transformers
  These transformers are designed for maritime applications, ensuring reliable electrical power in challenging environments.

- HPS Medium Voltage (Power) Transformers
  These transformers are ideal for high-power applications, providing reliable electrical power solutions in various environments.

- HPS Power Quality Products
  These products are designed to improve power quality and protect electrical systems from disturbances.

Our Products

- HPS products offer a wide range of benefits, including improved performance, reliability, and cost-effectiveness.
- HPS draws from a large design team with hundreds of years of combined experience to find a solution to your magnetics needs.

Our Facilities

- HPS Has facilities in North America, Europe and India combine to offer a complete solution when it comes to performance and safety in hazardous locations or harsh environments. Products designed to operate in these conditions must be safe, reliable, and durable.

- Advanced Encapsulated Designs for Harsh Environments & Hazardous locations
  • Minimum maintenance required beyond removing surface contaminants, such as dirt

- UL50 or Zinc Chromate plating frames, channels
  • Braced for marine applications

- Full exclusion of all exposed conductors, stainless steel hardware & nameplates
  • Enhanced system corrosion protection for salt environments (tin plating for IEC, Lloyds Registry, ABS, BV, and Transport Canada Marine Safety)

- ISO 9001:2015 manufacturing and engineering processes
  • Options up to 34 MVA, 46 kV Class and 250 kV BIL

- Options up to 34 MVA, 46 kV Class and 250 kV BIL
  • DV/DT filters offer motor protection by limiting voltage spikes and providing common-mode and line-to-line reduction for long lead applications

- K-rated transformers offer an electrostatic shield, a 200% rated neutral and provide additional mitigation of three-phase non-linear loads at the service entrance

- Additional products and options including air core reactors, grounding transformers and integral TVSS protection can further enhance a site's power quality.