



HI-SPEC

FOR PETROCHEMICAL

CEO

Abdou Alshiwi





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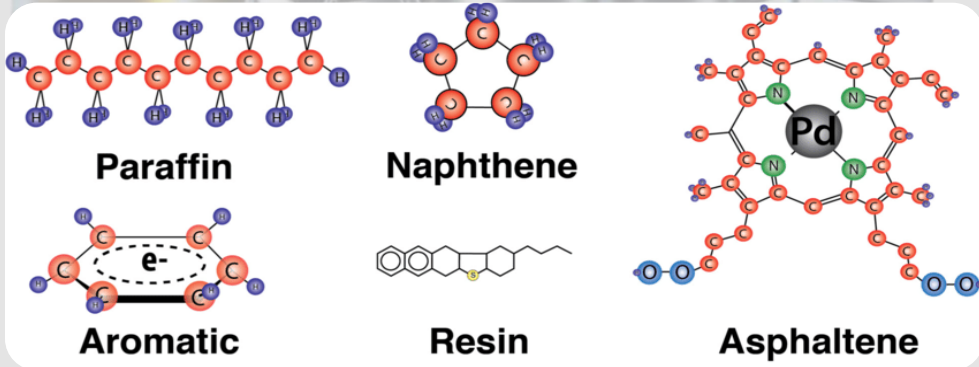
WHO WE ARE

LOCATIONS

OUR PRODUCTS

**ROAD
TRANSPORTATION**

WHO WE ARE



1. Industry Leaders in Oil & Petroleum

- With years of experience in the oil and petroleum sector, we have established ourselves as a trusted provider of high-quality energy solutions.

2. Commitment to Excellence

- We prioritize operational efficiency, safety, and sustainability to deliver top-tier petroleum products to our customers worldwide.

3. Global Reach, Local Impact

- Our extensive distribution network ensures a steady and reliable supply of oil and petroleum products to industries, businesses, and communities.

4. Innovation & Sustainability

- We invest in cutting-edge technology and eco-friendly practices to minimize our environmental footprint and promote responsible energy consumption.

5. Safety & Compliance

- We adhere to the highest industry standards and regulatory guidelines to maintain a safe and sustainable energy ecosystem.



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Message From the CEO

HI-SPEC, we are driven by a commitment to excellence in the petroleum products trade. Our journey has been one of innovation, resilience, and unwavering dedication to serving our clients with the highest standards of quality and reliability. As CEO, I am proud to lead a team that shares a vision of sustainable growth and responsible energy solutions.

In today's dynamic energy landscape, HI-SPEC stands as a trusted partner, delivering tailored solutions to meet the diverse needs of industries and communities. We prioritize sustainability, efficiency, and customer satisfaction, ensuring that our operations contribute positively to the global energy ecosystem.

Looking ahead, we remain focused on expanding our reach, enhancing our capabilities, and fostering partnerships that drive mutual success together. We will continue to power progress and create value for all our stakeholders.

Thank you for being a part of our journey.

Abdou Alshawi
CEO - HI-SPEC UAE



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Commitment to Vision 2030

- "Driving sustainable energy solutions with a steadfast commitment to Vision 2030, fueling growth, innovation, and a greener future."
- "Empowering the energy sector by aligning our strategies with Vision 2030—delivering excellence, sustainability, and long-term value."
- "As a trusted leader in oil and petroleum trading, we embrace Vision 2030 to revolutionize the energy landscape through innovation, efficiency, and environmental responsibility."
- "Pioneering the future of energy by integrating Vision 2030's principles—enhancing global trade, sustainability, and economic transformation."
- "Committed to Vision 2030, we redefine oil and petroleum trading with a focus on sustainability, digital transformation, and global market leadership."
- "Fueling progress with Vision 2030 at our core—delivering cutting-edge energy solutions while supporting economic diversification and sustainable growth."
- "As we align with Vision 2030, our mission is clear—enhance energy security, embrace cleaner solutions, and shape the future of petroleum trading."



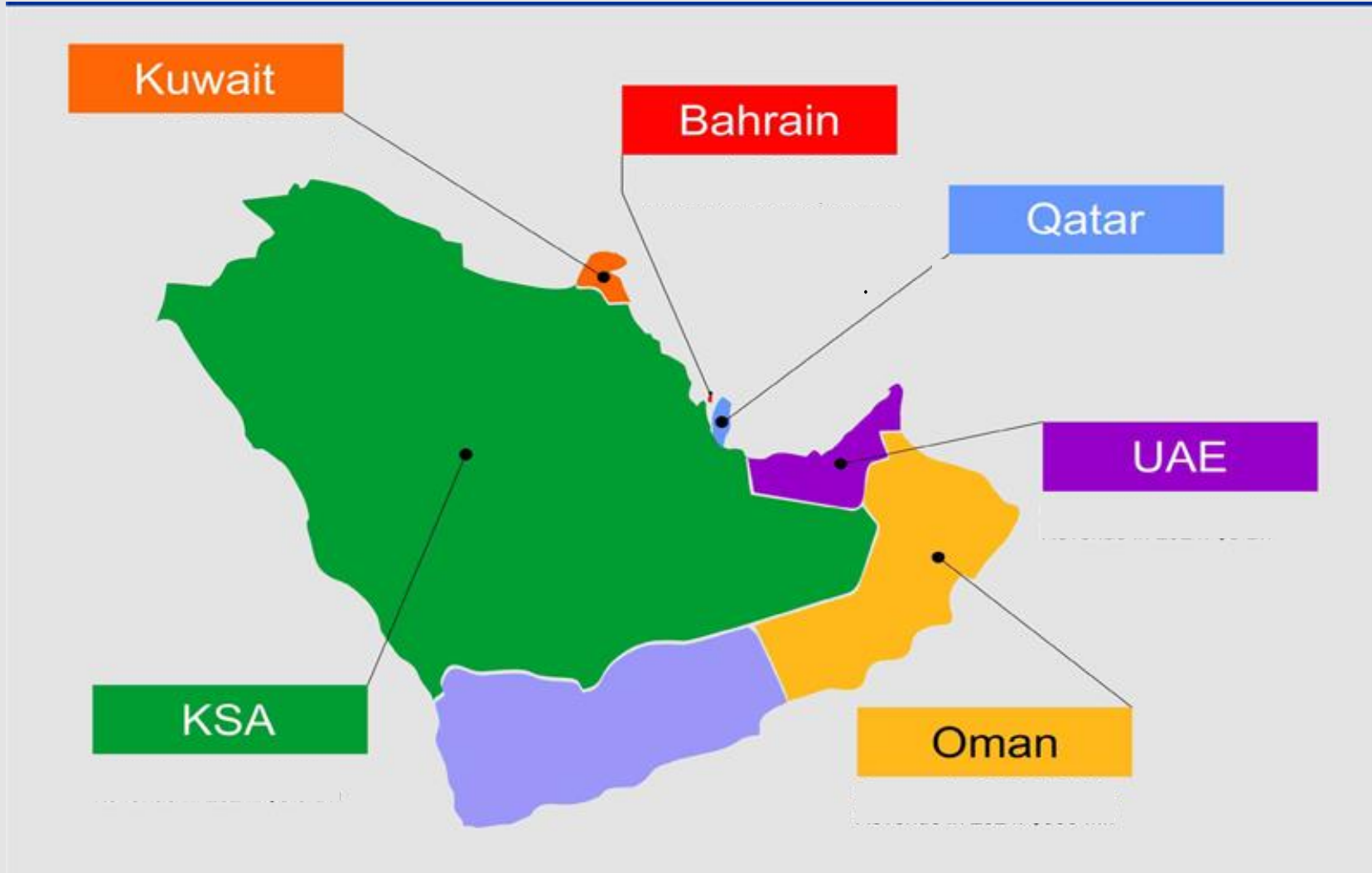


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LOCATIONS

HI-SPEC Operations Regions





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Our Products

Our core business is sourcing, supplying and trading Bitumen, Gasoline, Fuel Oil, Gas Oil, and Lubricant products. From these origins, we have expanded the portfolio to encompass petrochemicals, biofuels, environmental products, natural gas and a range of other dry bulk commodities.



HI-SPEC

**PETROLEUM
PRODUCTS**




**CRUDE OIL
FOB / CIF**




BITUMEN



GAS OIL



FUEL OIL



**EN590 10PPM
CIF / FOB / STS**




LPG



LNG



CNG



JET FUEL

Our Products

Our core business is sourcing, supplying and trading Bitumen, Gasoline, Fuel Oil, Gas Oil, and Lubricant products. From these origins, we have expanded the portfolio to encompass petrochemicals, biofuels, environmental products, natural gas and a range of other dry bulk commodities.

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**AROMATIC
OIL**



**BITUMEN
ROLL**



RESIN



NAPHTHALENE



SOLVENT



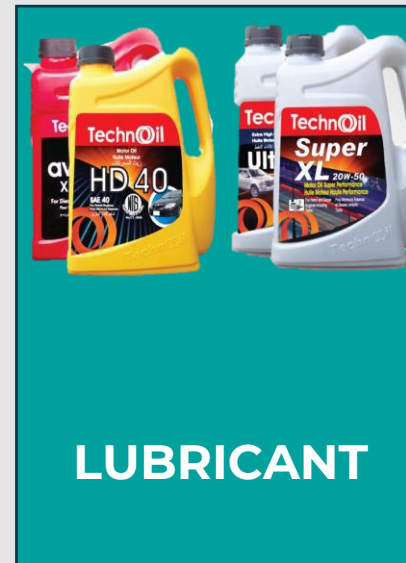
BUTANE



PROPANE



PARAFFIN



LUBRICANT



**PETROLEUM
COKE**



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ENERGY SOLUTIONS



BENZENE

GASOLINE

DIESEL

LPG

LNG

CNG

SUPPLY OF ENERGY SOLUTIONS

HI-SPEC, we understand the pivotal role fuels play in driving progress and powering industries. As a leading name in petroleum products trade, our commitment lies in delivering high-quality, sustainable energy solutions to meet the evolving demands of today's world. With a focus on reliability and efficiency, HI-SPEC ensures seamless supply and exceptional service, fueling journeys and economies alike.

HI-SPEC

"Hi-Spec: Fueling Excellence. Our premium petrol solutions are designed to meet the dynamic energy demands of today while ensuring efficiency and reliability. At Hi-Spec, we drive progress with quality fuels and trusted partnerships.

With a commitment to sustainability and innovation, we ensure that our fuels not only power industries but also protect the planet. From transportation to industrial needs, Hi-Spec delivers energy solutions you can rely on."

PETROL



"Hi-Spec: Empowering Global Energy. As a leading Oil trading company, we specialize in sourcing and delivering high-quality crude oil to meet the energy demands of industries worldwide. With a strong focus on reliability, efficiency, and strategic partnerships, Hi-Spec drives the energy sector forward. Our expertise in crude oil markets ensures seamless operations, competitive pricing, and sustainable solutions tailored to our clients' needs. At Hi-Spec, we're not just trading oil—we're fueling progress and innovation."

CRUDE OIL



CRUDE OIL

Crude oil production involves several key processes, which could be highlighted in **Hi-Spec's** company profile to showcase expertise in the oil trading industry:

1.Exploration and Extraction: Crude oil is located through geological surveys and extracted using drilling techniques.

2.Transportation: Once extracted, crude oil is transported via pipelines, ships, or trucks to refineries.

3.Refining: At refineries, crude oil undergoes processes like distillation, cracking, and reforming to produce various petroleum products such as gasoline, diesel, and jet fuel.

4.Quality Control: Ensuring the refined products meet industry standards and specifications.

5.Distribution: The final products are distributed to markets for commercial and industrial use.

For **Hi-Spec's** profile, you could emphasize your commitment to sustainable practices, advanced technology, and efficient logistics in the oil trading process.



BITUMEN



Bitumen, a versatile oil-based substance, plays a crucial role in construction and infrastructure development. It is primarily used as a binder in asphalt for roads, airport runways, and parking lots, offering durability and waterproofing qualities. Additionally, bitumen is utilized in roofing applications and as a sealing agent in various building materials. For HI-SPEC, emphasizing its expertise in trading high-quality bitumen and its commitment to innovation and sustainability could be a strong addition to the company profile. Highlighting the company's focus on meeting industry standards and providing tailored solutions for diverse applications would showcase its reliability and leadership in the oil trading sector.



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BITUMEN

The process of producing bitumen involves refining crude oil to extract the heavier residues that form the base material. Here's a simplified overview

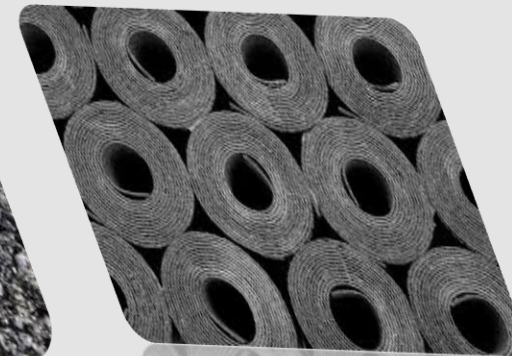
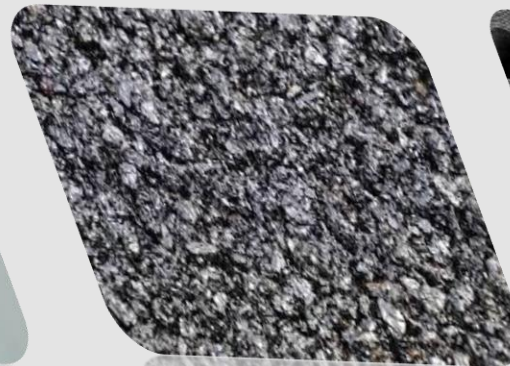
1. Distillation: Crude oil is heated in a distillation tower to separate lighter fractions (like gasoline) from heavier residues. The remaining atmospheric residue undergoes further processing in a vacuum distillation unit to avoid thermal cracking.

2. Vacuum Distillation: This step reduces pressure to lower boiling points, allowing the production of bitumen with varying hardness levels. The residue from this process, known as vacuum bottom, is the primary material for bitumen.

3. Air Blowing (Oxidation): Air is blown through the vacuum bottom at high temperatures to modify its physical properties, such as stiffness and softening point. This process produces different grades of bitumen for various applications.

4. Blending and Quality Control: Bitumen may be blended with other materials to meet specific engineering standards. Rigorous testing ensures consistency in properties like penetration, softening point, and elasticity.

For HI-SPEC, you could emphasize the company's expertise in sourcing high-quality crude oils and its commitment to delivering bitumen that meets precise industry standards. Highlighting the company's focus on innovation and sustainability in the bitumen production process would also strengthen its profile



GAS OIL



Gas oil, commonly known as diesel, is a vital fuel used across industries for transportation, power generation, and heating. It is valued for its efficiency, energy density, and versatility.

For HI SPEC, highlighting its expertise in sourcing and trading premium-quality gas oil would emphasize its commitment to reliability and customer satisfaction. Showcasing the company's adherence to international standards and its focus on sustainable energy solutions could further strengthen its profile in the competitive oil trading market



LPG



Liquefied Petroleum Gas

Liquefied Petroleum Gas (LPG) is a versatile and clean-burning fuel composed primarily of propane and butane. It is widely used for cooking, heating, transportation, and as a feedstock in the petrochemical industry. LPG is valued for its efficiency, affordability, and lower environmental impact compared to traditional fuels.

HI SPEC, emphasizing its expertise in sourcing and trading high-quality LPG would highlight its commitment to reliability and sustainability. Showcasing the company's dedication to meeting international standards and providing tailored solutions for diverse applications could strengthen its profile in the competitive oil trading market





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LNG



Liquefied Natural Gas (LNG) is a clean and efficient energy source, created by cooling natural gas to a liquid state at approximately -162°C. This process reduces its volume significantly, making it easier to store and transport. LNG is widely used for power generation, industrial applications, and as a cleaner alternative fuel in transportation.

HI-SPEC, emphasizing its expertise in sourcing and trading high-quality LNG would highlight its role in supporting global energy needs. Showcasing the company's commitment to sustainability and adherence to international standards would strengthen its profile as a reliable and forward-thinking player in the oil trading industry.



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What is CNG?



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Compressed Natural Gas (CNG) is a clean and efficient fuel made by compressing natural gas to less than 1% of its original volume. It is widely used as an alternative to gasoline and diesel in transportation due to its lower emissions and cost-effectiveness. CNG is also utilized in industrial applications and power generation, offering a sustainable energy solution.

For HI SPEC, emphasizing its expertise in sourcing and trading high-quality CNG would highlight its commitment to reliability and environmental sustainability. Showcasing the company's dedication to meeting international standards and providing tailored solutions for diverse applications would strengthen its profile in the competitive oil trading market.



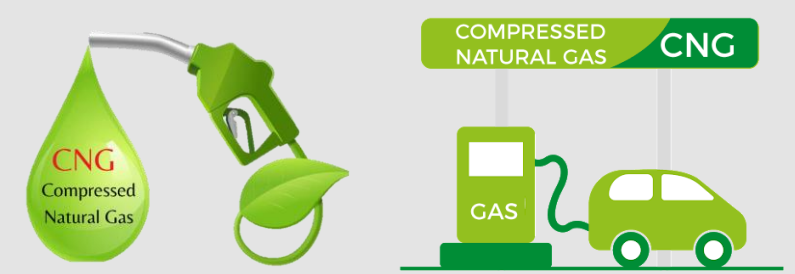


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FUTURE of CNG

Future of CNG



The future of Compressed Natural Gas (CNG) is promising, driven by the global shift towards cleaner and more sustainable energy sources. With its lower emissions and cost-effectiveness, CNG is expected to play a significant role in reducing carbon footprints, especially in the transportation sector. Advancements in storage and refueling infrastructure, along with government incentives promoting green fuels, are likely to boost its adoption further.

For HI SPEC, highlighting its forward-thinking approach in trading high-quality CNG and its commitment to supporting sustainable energy solutions would position the company as a leader in the evolving energy market.



JET FUEL



Jet Fuel Overview

Jet fuel is a specialized aviation fuel designed for use in aircraft powered by gas-turbine engines. It is formulated to meet stringent industry standards for performance, safety, and efficiency.

Key Characteristics

- Types: The two main types of jet fuel are Jet A and Jet A-1, used primarily in commercial aviation, while JP-8 is used by military aircraft.
- Composition: Jet fuel is a kerosene-based fuel with additives to enhance performance and safety.
- Energy Density: It has a high energy density, which allows aircraft to travel long distances efficiently.

Quality & Specifications

- Flash Point: Must meet strict criteria to ensure safe storage and handling.
- Freezing Point: Jet A-1 has a lower freezing point (-47°C) than Jet A (-40°C), making it suitable for international flights.
- Additives: Antioxidants, corrosion inhibitors, and static dissipators enhance reliability and safety.

Trading & Logistics

- Supply & Demand: Global availability is influenced by crude oil prices, refinery capacity, and geopolitical factors.
- Transportation: Delivered via pipelines, tankers, and fuel farms at airports.
- Market Trends: Sustainability efforts are driving interest in Sustainable Aviation Fuel (SAF) as an alternative.

Regulatory & Safety Considerations

- Adheres to international aviation fuel standards (such as ASTM D1655).
- Compliance with environmental regulations regarding emissions.
- Proper handling ensures safe fuel storage and transport.

OUR TANK FARM



- Diesel
- Petrol
- Fixed-Roof Tanks.
- External Floating Roof Tanks.
- Internal Floating Roof Tanks.
- Domed External Floating Roof Tanks.
- Horizontal Tanks.
- Variable Vapour Space Tanks.
- LNG (Liquefied Natural Gas) Tanks.

