


**BEST EN590 SUPPLIER FROM
KAZAKHSTAN: WHY SINEWOX
IS YOUR ULTIMATE CHOICE
FOR PREMIUM DIESEL AND
PETROLEUM TRADING**

FLY HIGHER WITH SINEWOX THE PREMIER BROKER FOR JET A-1 FUEL

In the high-stakes world of aviation, securing a reliable supply of Jet A-1 fuel is critical to keeping your operations soaring. Sinewox stands as the industry's leading broker for Jet A-1, connecting airlines, suppliers, and refiners with unmatched expertise and global reach. Our seamless sourcing solutions, competitive pricing, and deep market knowledge make us the trusted partner for aviation fuel needs worldwide. Discover why Sinewox is your go-to broker for Jet A-1, and explore its specifications, global usage, key trade ports, and top producers.





WHY CHOOSE SINEWOX FOR JET A-1 FUEL?

Sinewox redefines jet fuel procurement with a customer-first approach. As the premier broker, we offer:

- Global Network: Access to top-tier refiners and suppliers across the U.S., Asia, Europe, and the Middle East.
- Competitive Pricing: Leverage our market expertise to secure the best deals on Jet A-1 fuel.
- Reliable Supply Chain: Streamlined logistics ensure timely delivery to keep your fleet in the air.
- Tailored Solutions: Customized sourcing strategies for airlines, airports, and fuel distributors.
- Industry Expertise: Decades of experience in aviation fuel markets, ensuring trust and transparency.

With Sinewox, you're not just buying fuel—you're partnering with a broker committed to powering your success.

OVERVIEW OF JET A-1 FUEL

Jet A-1 is the gold standard for aviation turbine fuel, powering most commercial and military aircraft, including jetliners, turboprops, and helicopters. Meeting stringent standards like ASTM D1655 and Def Stan 91-091, Jet A-1 ensures safety and performance worldwide. With a freeze point of -47°C (compared to Jet A's -40°C), it's ideal for long-haul flights in extreme conditions. Composed of kerosene-based hydrocarbons with additives for anti-icing and static dissipation, Jet A-1 fuels over 90% of global flights. Sinewox connects you to this essential resource with unmatched efficiency.

POWERED BY JET A-1

SINEWOX SUPPLY



Jet A-1's rigorous specifications guarantee reliability and safety. Key properties include:

Appearance: Clear, bright, free from solid matter or undissolved water.

Flash Point: Minimum 38°C (100°F).

Freeze Point: Maximum -47°C.

Density at 15°C: 0.775–0.840 kg/L.

Distillation:

- 10% recovered: Maximum 205°C.
- 50% recovered: Report.
- 90% recovered: Report.
- Final boiling point: Maximum 300°C.
- Residue: Maximum 1.5% volume.
- Loss: Maximum 1.5% volume.

JET A-1 FUEL SPECIFICATIONS

Aromatics: Maximum 25% volume.

Sulfur Content: Maximum 0.3% mass.

Net Heat of Combustion: Minimum 42.8 MJ/kg.

Smoke Point: Minimum 19 mm (or 18 mm with naphthalenes max 3%).

Conductivity: 50–600 pS/m (with static dissipator additive).

Acidity: Maximum 0.015 mg KOH/g.

Viscosity at -20°C: Maximum 8 mm²/s.

Autoignition Temperature: Approximately 210°C.

Sinewox ensures every batch of Jet A-1 meets these standards, delivering quality you can trust.

GLOBAL JET A-1 FUEL CONSUMPTION

Jet A-1 powers aviation worldwide, with demand rebounding to near pre-2020 levels. In 2022, global consumption averaged 5.6 million barrels per day, driven by passenger and cargo growth. The U.S. leads, followed by fast-growing Asia-Pacific markets. Below is a table of top consumers (thousand barrels per day, 2022 data):

RANK	COUNTRY/REGION	CONSUMPTION (Thousand Barrels/Day)
1	United States	1,560
2	China	~600 (estimated)
3	United Kingdom	~150
4	Japan	~140
5	India	~120
6	Germany	~110
7	France	~100
8	Russia	~95
9	United Arab Emirates	~90
10	Brazil	~80

Sinewox's global reach ensures access to Jet A-1 in these high-demand markets, with tailored solutions for your region.



KEY PORTS FOR JET A-1 IMPORT AND EXPORT

Jet A-1 trade flows through strategic ports optimized for liquid bulk. Sinewox leverages these hubs to streamline your supply chain:

EXPORT PORTS

- o Ras Tanura (Saudi Arabia): Leading Middle East exporter of Jet A-1.
- o Rotterdam (Netherlands): Europe's hub for refined fuel exports.
- o Singapore Port: Asia's gateway for jet fuel to global markets.
- o Houston (USA): Major U.S. exporter of Jet A-1.
- o Dangote Refinery Port (Nigeria): Emerging hub for jet fuel exports.

IMPORT PORTS

- o Los Angeles/Long Beach (USA): Key entry for Asian jet fuel.
- o New York/New Jersey (USA): East Coast import hub.
- o Amsterdam-Rotterdam-Antwerp (ARA) Hub (Europe): Imports from Middle East and Russia.
- o Incheon (South Korea): Asia-Pacific fuel terminal.
- o Corpus Christi (USA): Gulf Coast import hub.

Sinewox optimizes logistics across these ports, ensuring your fuel arrives on time, every time.
Top Jet A-1 Fuel Producers

TOP JET A-1 FUEL PRODUCERS

Jet A-1 production is led by countries and companies with advanced refining capabilities. In 2022, global output exceeded 6 million barrels per day. Below are the top producers and their key companies:

RANK	COUNTRY	PRODUCTION (THOUSAND BARRELS/DAY)	KEY COMPANIES/PRODUCERS
1	United States	1,471	ExxonMobil, Chevron, BP
2	South Korea	357	SK Energy, GS Caltex
3	China	291	Sinopec, PetroChina
4	Russia	279	Rosneft, Gazprom Neft
5	Japan	~260	ENEOS, Idemitsu
6	India	~200	Reliance, Indian Oil
7	Netherlands	~150	Shell, TotalEnergies
8	Saudi Arabia	~140	Saudi Aramco
9	Canada	~120	Imperial Oil, Suncor
10	Germany	~100	BP, ExxonMobil

Sinewox partners with these industry giants to secure high-quality Jet A-1 for your operations, including emerging sustainable options from producers like Neste.



SOAR WITH SINEWOX: YOUR JET A-1 PARTNER

Jet A-1 fuels the world's skies, and Sinewox fuels your success. As the top broker for Jet A-1, we deliver reliable supply, competitive pricing, and global expertise to keep your fleet flying. From sourcing to delivery, trust Sinewox to power your aviation journey. Contact us today to elevate your fuel strategy and experience the Sinewox difference!

HOUSTON

INCHTON

RAS TANURA

SINGAPORE



SINEWOX



READY TO OPTIMIZE YOUR
OPERATIONS? CONTACT
SINOWOX TODAY FOR
A CUSTOMIZED QUOTE
AND LET'S CULTIVATE
SUCCESS TOGETHER.

FUEL YOUR SUCCESS WITH SINOWOX

Choose Sinewox—the best EN590 supplier from Kazakhstan.

Contact us at [info@sinewox.com] for a consultation.

Sinewox: Elevating Energy Trading Worldwide.

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