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FUEL & OIL

EBOOK 2023

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LIST OF REAL & FAKE

SELLERS

BUYERS

BROKERS

TANK FARM

REFINERIES

**NOT FOR PUBLIC RELEASE**

VOLUME 1

PETROLEUM PRODUCTS &

SPECIFICATION

# FUEL & OIL HANDBOOK

2023

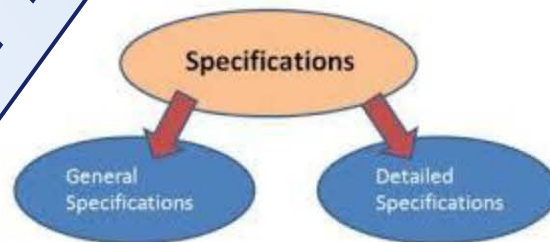
VOLUME 2

PETROLEUM PRODUCTS

&

SPECIFICATIONS

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## JET FUEL OR AVIATION FUEL

**Jet Fuel, Aviation Turbine Fuel (ATF), or Avtur is a type of fuel designed for use in aircraft powered by gas turbine engines.**

It is clear to Straw-Colored in appearance. The most commonly used fuels for commercial aviation are Jet A and Jet A-1 which are produced to a standardized international specification. The only other jet fuel commonly used in civilian aircraft engine powered aviation is Jet B, which is used for its enhanced cold-weather performance.

Aviation Fuel or Jet fuel is a mixture of a large number of different hydrocarbons. Kerosene-type jet fuel (including Jet A and Jet A-1) has a carbon number distribution between about 8 and 16 carbon numbers (carbon atoms per molecule); wide-cut or naphtha-type jet fuel (including Jet B), between about 5 and 15 carbon numbers.

Aviation fuel or Jet Fuel is a specialized type of petroleum-based fuel used to power aircraft; it is generally of a higher quality than fuels used in less critical applications such as heating or road transport, and often contains additives to reduce the risk of icing or explosion due to high temperatures, amongst other properties.



## AMERICAN CIVIL JET FUELS

The basic civil jet fuel specification used in the United States of America is ASTM Specification for Aviation Turbine Fuels D 1655, which defines the requirements for three grades of fuel:-

1. Jet A, a kerosene type fuel having a maximum freeze point of -40 degrees C.
2. Jet A-1, a kerosene type fuel, identical with Jet A, but with a maximum freeze point of -47 degrees C.
3. Jet B, a wide-cut type fuel.

Jet A is used within the United States by domestic and international airlines.

Jet B is rarely available nowadays except in parts of northern Canada where its lower freeze point and higher volatility is an advantage for handling and cold starting.

## UK JET FUELS

Although developed basically as a military jet fuel, D. Eng DDF 91, issued by the Ministry of Defence, was adopted as the standard UK civil jet fuel. It is now referred to as DEF STAN 91-91 and defines the requirements for a kerosene type fuel (Jet A-1 grade) having a maximum freeze point of -47 degrees C. Jet A-1 according to the DEF STAN 91-91 specification is very similar to Jet A-1 defined by the ASTM D 1655 except for a small number of areas where DEF STAN 91-91 is more stringent.

## FORMER SOVIET UNION AND EASTERN EUROPEAN JET FUELS

Soviet kerosene type jet fuels are covered by a wide range of specification grades reflecting different crude sources and processing treatments used. The grade designation is T-1 to T-8, TS-1 or RT. The grades are covered either by a state standard (GOST) number, or a Technical Condition (TU) number. The limiting property values, detailed fuel composition and test methods differ quite considerably in some cases from the Western equivalents.

The principle grade available in Russia (and members of the CIS) is TS-1.

The main differences in characteristics are that Soviet fuels have a low freeze point (equivalent to about -57 degrees C by Western test methods) but also a low flash point (a minimum of 28 degrees C compared with 38 degrees C for Western fuel). RT fuel (written as PT in Russian script) is the superior grade (a hydro-treated product) but is not produced widely. TS-1 (regular grade) is considered to be on a par with Western Jet A-1 and is approved by most aircraft manufacturers.

Eastern European countries have their own national standards with their own nomenclature. Many are very similar to the Russian standards but others reflect the requirements of visiting international airlines and are similar to Western Jet A-1 in properties and test methods.

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FUEL & OIL

EBOOK 2023

---

LIST OF REAL & FAKE

SELLERS

BUYERS

BROTHERS

TANKS FARMS

REFINERIES

VOLUME 2

LIST OF FAKE SELLERS

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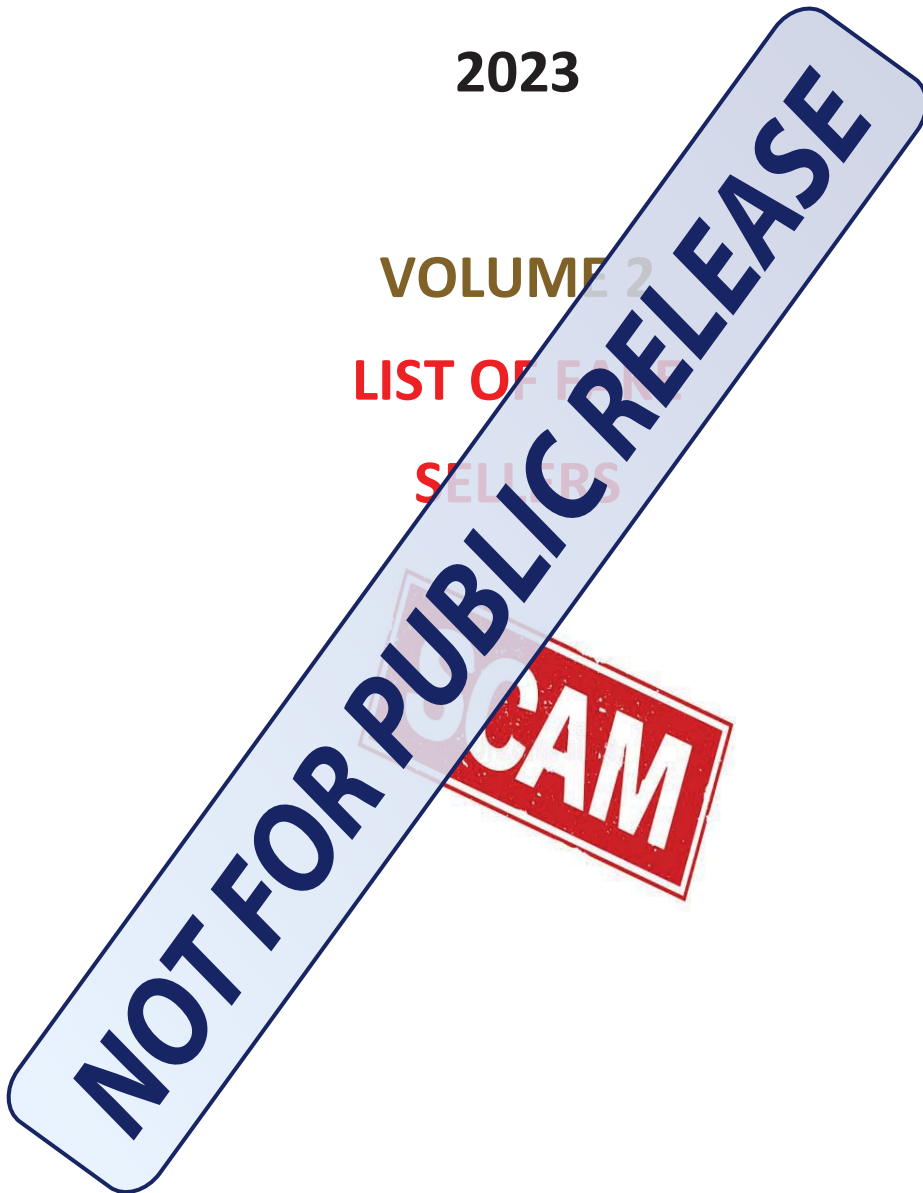
# FUEL & OIL HANDBOOK

2023

VOLUME 2

LIST OF FAKE

SELLERS



# VOLUME 2

## INDEX

List of Fake Seller/mandate

Sh 4 to 9

Fake Offers

Sh 10 to 300

**NOT FOR PUBLIC RELEASE**

LOGO	SELLER NAME	REPRESENTATIVES	LOCATION	WEBSITE	EMAIL	PHONE	COMMENTS	EXAMPLE OF OFFER
	ABITEC LLC	CEO: Mr. Ivan Viktorovich	Russia		abitec@yandex.ru	+7 905 573-5480	The company is real and registered in Russia	Sh 10 to 12
	ABSTERGO VOSTOK	General Director: Mr. Mikhail F. Griboyevich	Russia		abstergo.vostok@yandex.ru	+7 926 503-4483 +7 916 903-4427	The company was real and registered in Russia	Sh 13 to 14
	ACEGLOBAL	Head of Sales Department: Zhorabera Ryolan Sergeyevich	Russia	<a href="http://www.aceglobal-commodity.com">http://www.aceglobal-commodity.com</a>	info@aceglobal-commodity.com	+380 97781 1301	The company is either not legitimate or scammers	Sh 15 to 17
	ADASHINEFT	General Director: Gennadiy Gerasimovich	Russia		adashineft@yandex.ru adashineft@mail.ru	+7 909 167-5873	The company is real and registered in Russia	Sh 18 to 19
	Adm-Resurs	Director: Dmitriy	Russia		admin.resurs@mail.ru	+7 925 886-7037	The company was real and officially registered in Russia	Sh 20 to 22
	Adon Gaz	Official Representative: Alexander	Russia		adonmtoch@yandex.ru		The company was registered primarily for gas extraction	
	Advanta	Director: Mr. Shagidat Akmal Rakhimovich	Russia		advanta@yandex.ru advanta@mail.ru	+7 905 573-3806 +7 999 716-0920	The company is real and officially registered in Russia	Sh 23 to 25
	Aq Nefta	CEO: Mikhalusa Vladimir Vladimirovich	Russia		aq.nefta@yandex.ru nefta@mail.ru	+7 906 016-8827 +7 926 802-2649	The company is real and registered in Russia	Sh 26 to 27
	Agro-Gas	CEO: Igor I.M.	Russia		agrogas@mail.ru	+7 926 774-3448 +7 492 295-0313	The company was real and registered in Russia	Sh 28 to 30
	Aproxikhozarnis	Authorized Direct Mandatör: Saitbor Alexander Ivanovich	Russia		aproxikhozarnis@mail.ru	+7 906 965-4780 +7 996 659-6972	The company is real and registered in Russia	Sh 31 to 33
	Agroinnobill		Russia				The company is real and officially registered in Russia	Sh 34 to 36
	Ags-Oil	General Director: Vladimir Pulikov	Russia		ags-oil@mail.ru ags-oil@mail.ru	+7 926 512-9197 +7 926 512-9197 +7 906 276-7114	General Director: Vladimir Pulikov	Sh 37 to 39
	Akbit	CEO: Agullin Azamat Masovich	Russia			+7 926 801-1289	The company is real and registered in Russia	Sh 40 to 42
	Akhmad Kadyrov Oil Trading Incorporation	Director: Akhmad Kadyrov	Russia			+7 926 807-3931	The company doesn't appear to be officially registered in Russia	Sh 43 to 46
	Al Oil Service	Director: Valeriy Ibrat Dmitrovich	Russia	<a href="http://www.al-oil-service.ru">http://www.al-oil-service.ru</a>			The company is real and registered in Russia	Sh 52 to 53
	Alkasey Holdings	CEO: Mr. Andrei Aleksey	Russia		alkasey@mail.ru	+7 926 801-1289	company doesn't appear to be officially registered in Russia	Sh 47 to 49
	Alfa Alliance	General Director: Horhammagyan Vale Varazdatovich	Russia	<a href="http://www.alfalliance.ru">http://www.alfalliance.ru</a>	info@alfalliance.ru office@alfalliance.ru		The company is real and registered in Russia	Sh 50 to 53
	Alfa Service	Zhorovets Vladimir Ivanovich	Russia		alfaservice@mail.ru		The company is real and registered in Russia	Sh 60 to 62
	Alfa-Oil	General Director: Mr. Vasily Kostyrya	Russia		alfaoil@yandex.ru	+7 926 774-1134 +7 926 774-1134	The company is real and registered in Russia	Sh 54 to 56
	Alfa-Petrospakt	Director of Marketing: Lobanov Aseniy Andreevich	Russia	<a href="http://www.alfa-petrospakt.ru">http://www.alfa-petrospakt.ru</a>	lobanov@alfa-petrospakt.ru	+7 953 142-8951	The company was real and registered in Russia	Sh 57 to 59
	Alliansprom	Managing Director: Roman Yemelin	Russia		alliansprom@mail.ru info@alliansprom@mail.ru	+7 926 615-5345	The company was real and registered in Russia	Sh 60

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FUEL & OIL

EBOOK 2023

---

LIST OF REAL & FAKE

SELLERS

BUYERS

BROKERS

TANK FARM

REFINERIES

VOLUME 3

LIST OF REAL SELLERS/BROKERS

&

REFINERIES HISTORY

**NOT FOR PUBLIC RELEASE**

# FUEL & OIL HANDBOOK

2023

VOLUME 3

LIST OF REAL

SELLERS & SUPPLIERS

TRADERS



# VOLUME 3

## INDEX

List of Major Company (first part)	Sh 4 to 13
List of Major Company (second part)	Sh 14 to 20
The “Seven Sisters”	Sh 21 to 24
10 Biggest Oil Companies	Sh 25 to 27
Bashneft Overview	Sh 28
Aranco Overview	Sh 29 to 36
Chevron Overview	Sh 37 to 48
Rosneft Overview	Sh 49 to 58
Gazprom Overview	Sh 50 to 70
Tatneft Overview	Sh 71 to 73
Sinopec Overview	Sh 74 to 77
PetroChina Overview	Sh 78 to 82
ExxonMobil Overview	Sh 83 to 89
Shell PLC Overview	Sh 90 to 108
TotalEnergies Overview	Sh 109 to 118
BP Overview	Sh 119 to 143
Marathon Overview	Sh 144 to 147
Valero Overview	Sh 148 to 152
Lukoil Overview	Sh 153 to 162
QatarEnergy Overview	Sh 163 to 167
NNPC Overview	Sh 168 to 171
PDVSA Overview	Sh 172 to 178
Petrobras Overview	Sh 179 to 185
Pemex Overview	Sh 186 to 190
Canadian Natural Overview	Sh 191 to 193
Suncor Overview	Sh 194 to 197
Enbridge Overview	Sh 198 to 206
Eni Overview	Sh 207 to 213
List of Real Intermediaries/Mandate/facilitator	Sh 214

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## The Seven Sisters

**Big Oil** is a name used to describe the world's six or seven largest publicly traded and investor-owned oil and gas companies, also known as **supermajors**. The term is particularly associated with the fossil fuels lobby and also used to refer to the industry as a whole in a pejorative or derogatory manner.

Sources conflict on the exact makeup of Big Oil today, though the companies most frequently mentioned as supermajors are ExxonMobil, Chevron, BP, Shell, Eni and TotalEnergies, with ConocoPhillips frequently being included as well prior to spinning off its downstream operations into Phillips 66. The phrase "Super-Major" emanated from a report published by Douglas Terreson of Morgan Stanley in February 1998. The report foretold a substantial consolidation phase of "Major" Oil companies which would result in a group of dominant "Super-Major" entities. Big Oil previously referred to seven oil companies which formed the Consortium for an Iranian "Seven Sisters" were the Anglo-Persian Oil Company (a predecessor of BP), Shell plc, three of Chevron's predecessors (Standard Oil of California, Gulf Oil and Texaco), and two of ExxonMobil's predecessors (Jersey Standard and Standard Oil of New York).

The term, analogous to others such as Big Steel and Big Tech, and Big Pharma which describe industries dominated by a few giant corporations, was popularized in print from the late 1960s. Today it is often used to refer specifically to the seven supermajors. The use of the term in the popular media often excludes the national producers and OPEC companies who have a much greater global role in setting prices than the supermajors. China's state-owned oil companies, Sinopec and the China National Petroleum Corporation, as well as Saudi Aramco, had greater revenues in 2022 than any investor-owned oil company.

In the maritime industry, six to seven large oil companies that decide a majority of the crude oil tanker chartering business are called "The Majors".

## History

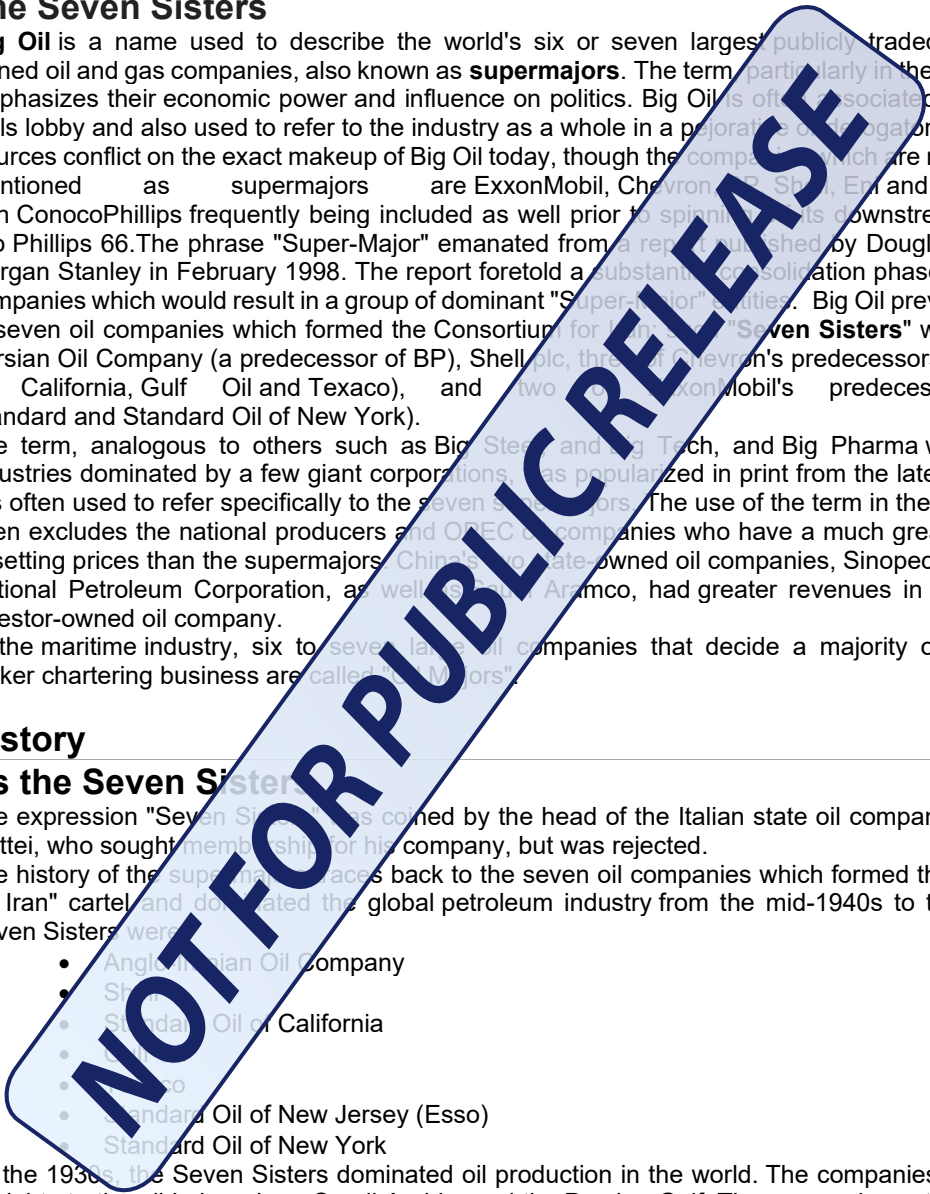
### As the Seven Sisters

The expression "Seven Sisters" was coined by the head of the Italian state oil company (Eni), Enrico Mattei, who sought membership for his company, but was rejected.

The history of the supermajors traces back to the seven oil companies which formed the "Consortium for Iran" cartel and dominated the global petroleum industry from the mid-1940s to the 1970s. The Seven Sisters were:

- Anglo-Persian Oil Company
- Shell
- Standard Oil of California
- Gulf
- Texaco
- Standard Oil of New Jersey (Esso)
- Standard Oil of New York

By the 1930s, the Seven Sisters dominated oil production in the world. The companies owned nearly all rights to the oil in Iran, Iraq, Saudi Arabia, and the Persian Gulf. The companies established jointly owned companies (such as the Iraq Petroleum Company) to legally tie their hands together, facilitate cooperation, and prevent cheating on one another). The companies sought to limit the supply of oil by controlling the speed at which oil fields were developed. From the 1920s to 1940s, they had agreements not to produce oil in the Middle East unless it was in coordination with one another. After the 1940s, the companies continued to collude. The discovery of massive oil fields in Saudi Arabia threatened to scuttle the cartel, as control of the oil fields by two companies could undermine existing supply



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FUEL & OIL

EBOOK 2023

---

LIST OF REAL & FAKE

SELLERS

BUYERS

BROKERS

TANK FARM

REFINERIES

VOLUME 4

LIST OF REAL & FAKE

TANK FARM

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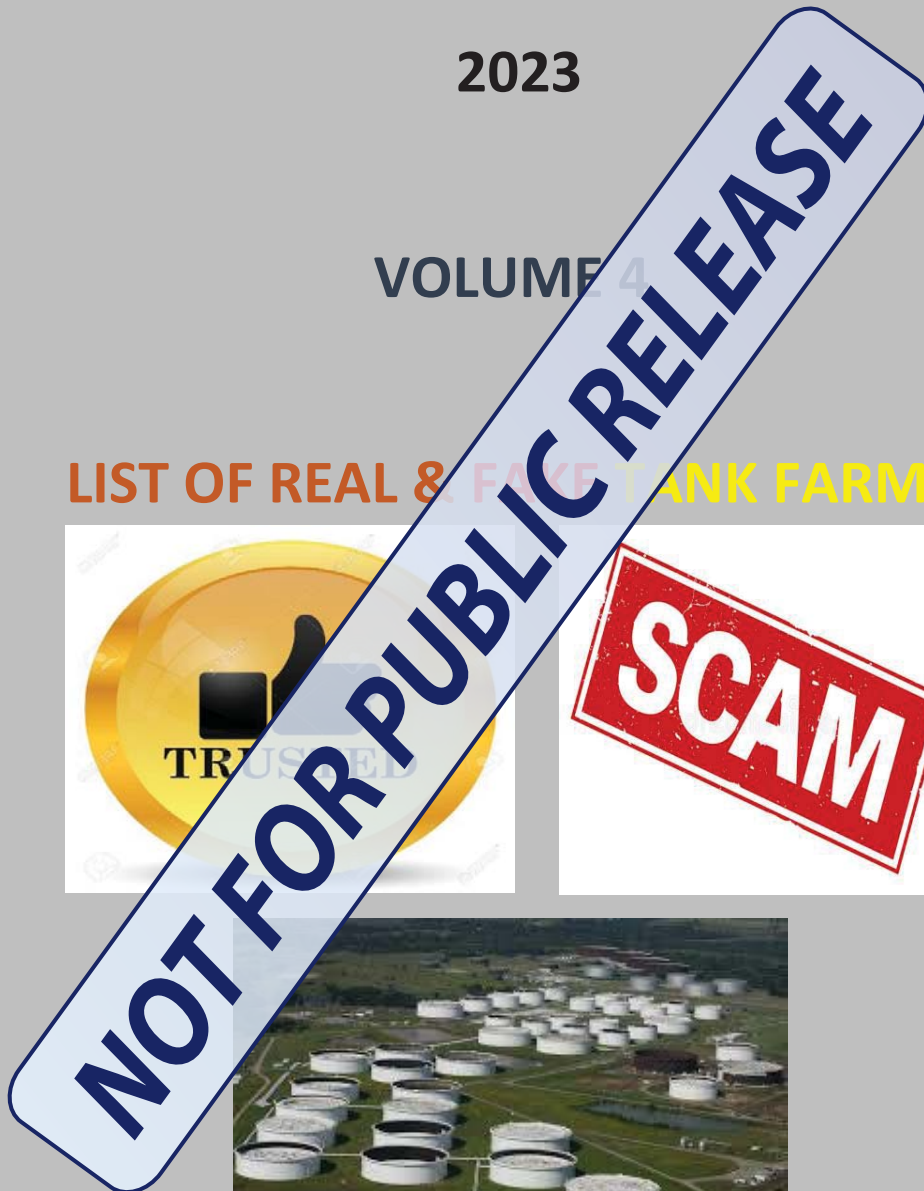


# FUEL & OIL HANDBOOK

2023

VOLUME 4

## LIST OF REAL & FAKE TANK FARMS



# VOLUME 4

## INDEX

List of Scam Tank Farm

Sh 4 to 12

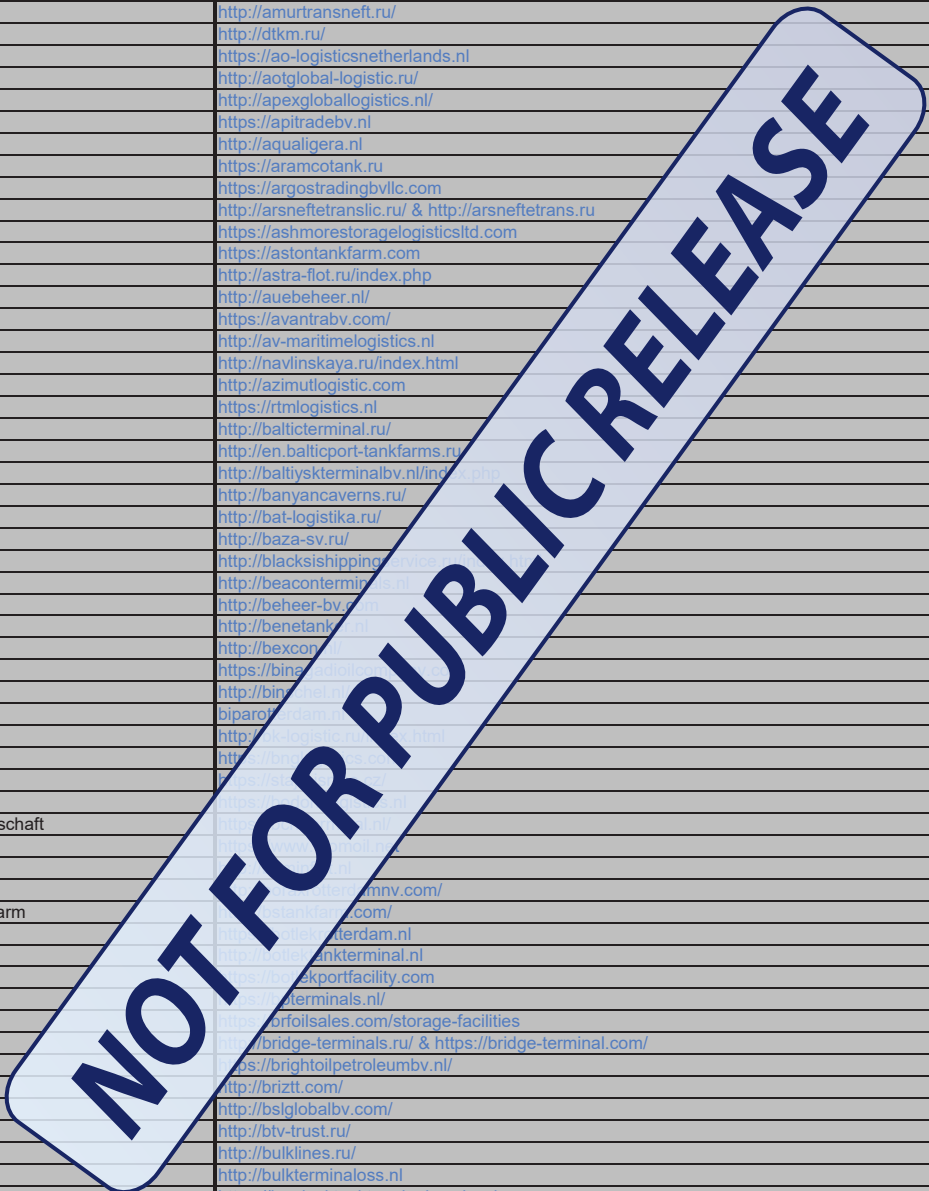
List of Real Tank Farm

Sh 13 to 14

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# LIST OF TANK FARMS SCAM

Name	Site
2 Best Connect	<a href="https://2bestconnect.com/">https://2bestconnect.com/</a>
A & P Oil	<a href="https://apoilbv.nl">https://apoilbv.nl</a>
A15 Logistics BV	<a href="http://www.a15logistics.nl">http://www.a15logistics.nl</a>
Abundance Storage LLC	<a href="https://abundancestroagellc.com">https://abundancestroagellc.com</a> & <a href="https://abundancestoragecompany.com">https://abundancestoragecompany.com</a>
ABH Logistics	<a href="https://abhlogisticsllc.com/storage/">https://abhlogisticsllc.com/storage/</a>
ADI Logistics BV	<a href="http://adi-logistics.nl">http://adi-logistics.nl</a>
AFS Nederland	<a href="http://afs-nederland.nl">http://afs-nederland.nl</a>
Aircraft Fuel Supply BV	<a href="http://afsnl.com/">http://afsnl.com/</a>
Akhtubinskaya Neftebaza	<a href="http://akhtubinskaya-neftebaza.ru/">http://akhtubinskaya-neftebaza.ru/</a>
AKL Logistics	<a href="https://aklogistics.nl/">https://aklogistics.nl/</a>
Alantic Tank Storage	<a href="https://alantictankstorage.com">https://alantictankstorage.com</a>
Aleksandrovsky Oil Plant Refinery	<a href="http://anpz-tomsk.ru/">http://anpz-tomsk.ru/</a>
Alfaprom Tankfarm	<a href="https://alfaprom-tankfarm.com">https://alfaprom-tankfarm.com</a>
Alliance Marine	<a href="http://alliance-marine.ru">http://alliance-marine.ru</a>
Alliance Marines	<a href="http://almars.ru/en/index.html">http://almars.ru/en/index.html</a>
Allion Shipping	<a href="https://allionshipping.ru/tank-farm/storage/">https://allionshipping.ru/tank-farm/storage/</a>
Almeda Terminal	<a href="https://almedaterminal.com">https://almedaterminal.com</a>
Alpha	<a href="http://alpha-terminals.com">http://alpha-terminals.com</a> (abuse of company name Alpha Terminals BV, official domain <a href="https://alphaterminals.nl">https://alphaterminals.nl</a> )
Amsterdam PCV	<a href="http://amsterdamspcv.com">amsterdamspcv.com</a>
Amurtransneft Tank Storage	<a href="http://amurtransneft.ru/">http://amurtransneft.ru/</a>
AO Deltakom	<a href="http://dtkm.ru/">http://dtkm.ru/</a>
AO Logistics	<a href="https://ao-logisticsnetherlands.nl">https://ao-logisticsnetherlands.nl</a>
AOT Global Logistic	<a href="http://aotglobal-logistic.ru/">http://aotglobal-logistic.ru/</a>
Apex Global Logistics	<a href="http://apexgloballogistics.nl/">http://apexgloballogistics.nl/</a>
Api Trade BV	<a href="https://apitradebv.nl">https://apitradebv.nl</a>
Aqua Ligera	<a href="http://aqualigera.nl">http://aqualigera.nl</a>
Aramco Tank Storage & Logistics	<a href="https://aramcotank.ru">https://aramcotank.ru</a>
Argos Trading	<a href="https://argotradingbvllc.com">https://argotradingbvllc.com</a>
Arsneftetrans	<a href="http://arsneftetranslic.ru/">http://arsneftetranslic.ru/</a> & <a href="http://arsneftetrans.ru">http://arsneftetrans.ru</a>
Ashmore Storage Logistics	<a href="https://ashmorestoragelogisticsltd.com">https://ashmorestoragelogisticsltd.com</a>
A(n)ston Tank Farm	<a href="https://astontankfarm.com">https://astontankfarm.com</a>
AstraFlot shipping company	<a href="http://astra-flot.ru/index.php">http://astra-flot.ru/index.php</a>
AUE Beheer	<a href="http://auebeheer.nl/">http://auebeheer.nl/</a>
Avantra BV	<a href="https://avantrabv.com/">https://avantrabv.com/</a>
AV Maritime Logistics BV	<a href="http://av-maritimelogistics.nl">http://av-maritimelogistics.nl</a>
Avlinskaya Neftebaza	<a href="http://navlinskaya.ru/index.html">http://navlinskaya.ru/index.html</a>
Azimut Logistics LLC	<a href="http://azimutlogistic.com">http://azimutlogistic.com</a>
Babu Logistics Network	<a href="https://rtmlogistics.nl">https://rtmlogistics.nl</a>
Baltic Oil Terminal	<a href="http://balticterminal.ru/">http://balticterminal.ru/</a>
Baltic Port Tank Farms	<a href="http://en.balticport-tankfarms.ru/">http://en.balticport-tankfarms.ru/</a>
Baltiysk Terminal BV	<a href="http://baltiyskterminalbv.nl/index.php">http://baltiyskterminalbv.nl/index.php</a>
Banyan Caverns	<a href="http://banyancaverns.ru/">http://banyancaverns.ru/</a>
BAT-Logistika LLC	<a href="http://bat-logistika.ru/">http://bat-logistika.ru/</a>
Baza SV	<a href="http://baza-sv.ru/">http://baza-sv.ru/</a>
Black Si Shipping Service LLC	<a href="http://blacksishipping.com/">http://blacksishipping.com/</a>
Beacon Terminals BV	<a href="http://beaconterminals.nl/">http://beaconterminals.nl/</a>
Beheer BV	<a href="http://beheer-bv.nl/">http://beheer-bv.nl/</a>
Benetanker Chartering BV	<a href="http://benetanker.nl/">http://benetanker.nl/</a>
Bexcon B.V.	<a href="http://bexcon.nl/">http://bexcon.nl/</a>
Binagadi Oil Company	<a href="https://binagadi.com/">https://binagadi.com/</a>
Binschel BV	<a href="http://binschel.nl/">http://binschel.nl/</a>
BiPa Rotterdam	<a href="http://biparotterdam.nl/">http://biparotterdam.nl/</a>
Bk-logistic tank farm	<a href="http://bk-logistic.com/">http://bk-logistic.com/</a>
BNG logistics gmbh	<a href="http://bnglogistics.com/">http://bnglogistics.com/</a>
BN Storage Tanks	<a href="http://bn-storage.com/">http://bn-storage.com/</a>
Bodo(n) Logistics	<a href="https://bodonlogistics.com/">https://bodonlogistics.com/</a>
Boliden Chemikalien Handelsgesellschaft	<a href="http://bolidenchemikalien.com/">http://bolidenchemikalien.com/</a>
Bom-Oil	<a href="http://bom-oil.com/">http://bom-oil.com/</a>
Bominflot BV Tank Storage	<a href="http://bominflot.nl/">http://bominflot.nl/</a>
Borax Rotterdam Storage NV	<a href="http://boraxrotterdamstorage.nl/">http://boraxrotterdamstorage.nl/</a>
Borets Servis-nefteyugansk Tank Farm	<a href="http://borets-servis.com/">http://borets-servis.com/</a>
Botlek Port Facility	<a href="http://botlekport.nl/">http://botlekport.nl/</a>
Botlek Tank Terminal	<a href="http://botlektankterminal.nl/">http://botlektankterminal.nl/</a>
Botlek Tank Terminal	<a href="http://botlektankportfacility.com">http://botlektankportfacility.com</a>
BP Terminals & Logistics Company	<a href="http://bp-terminals.nl/">http://bp-terminals.nl/</a>
BRF Oil Sales	<a href="https://brfoilsales.com/storage-facilities">https://brfoilsales.com/storage-facilities</a>
Bridge Terminal	<a href="http://bridge-terminals.ru/">http://bridge-terminals.ru/</a> & <a href="https://bridge-terminal.com/">https://bridge-terminal.com/</a>
Brightoil Petroleum BV	<a href="https://brightoilpetroleumbv.nl/">https://brightoilpetroleumbv.nl/</a>
Briz Tank Terminals	<a href="http://briztt.com/">http://briztt.com/</a>
BSL Global BV	<a href="http://bslglobalbv.com/">http://bslglobalbv.com/</a>
Btv-trust	<a href="http://btv-trust.ru/">http://btv-trust.ru/</a>
Bulk Lines Terminal	<a href="http://bulklines.ru/">http://bulklines.ru/</a>
Bulk Terminal Oss BV	<a href="http://bulkterminaloss.nl">http://bulkterminaloss.nl</a>
Burdock Terminals	<a href="https://burdocktankterminalservicesbv.com">https://burdocktankterminalservicesbv.com</a>
Butrol BV	<a href="http://butrol.nl/">http://butrol.nl/</a>
BV Trans	<a href="https://bv-trans.ru/home">https://bv-trans.ru/home</a>
BV-Logistik	<a href="https://bv-logistik.nl/">https://bv-logistik.nl/</a>
By Transport & Logistiek BV	<a href="https://bv-bytranslogistiek.nl/">https://bv-bytranslogistiek.nl/</a>
C-Shipping & Minerals	<a href="https://cshippingminerals.nl">https://cshippingminerals.nl</a>
Calidiris BV	<a href="http://calidirisbv.com">http://calidirisbv.com</a>
Cammiss Marine BV Tank Storage and Logistics	<a href="http://cammismarinebv.nl">cammismarinebv.nl</a>
Capital-Bunker LLC	<a href="http://capital-bunker.ru/">http://capital-bunker.ru/</a>
Cargo LLC	<a href="http://cargo-llc.ru/">http://cargo-llc.ru/</a>
Carbossa International BV	<a href="http://carbossainternational.com/">http://carbossainternational.com/</a>



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FUEL & OIL

EBOOK 2023

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LIST OF REAL & FAKE

SELLERS

BUYERS

BROKERS

TANK FARMERS

REFINERIES

VOLUME 5

LIST OF REAL REFINERIES

WORLDWIDE & CHARTS

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# FUEL & OIL HANDBOOK

2023

VOLUME 5

LIST OF REAL REFINERIES WORLDWIDE

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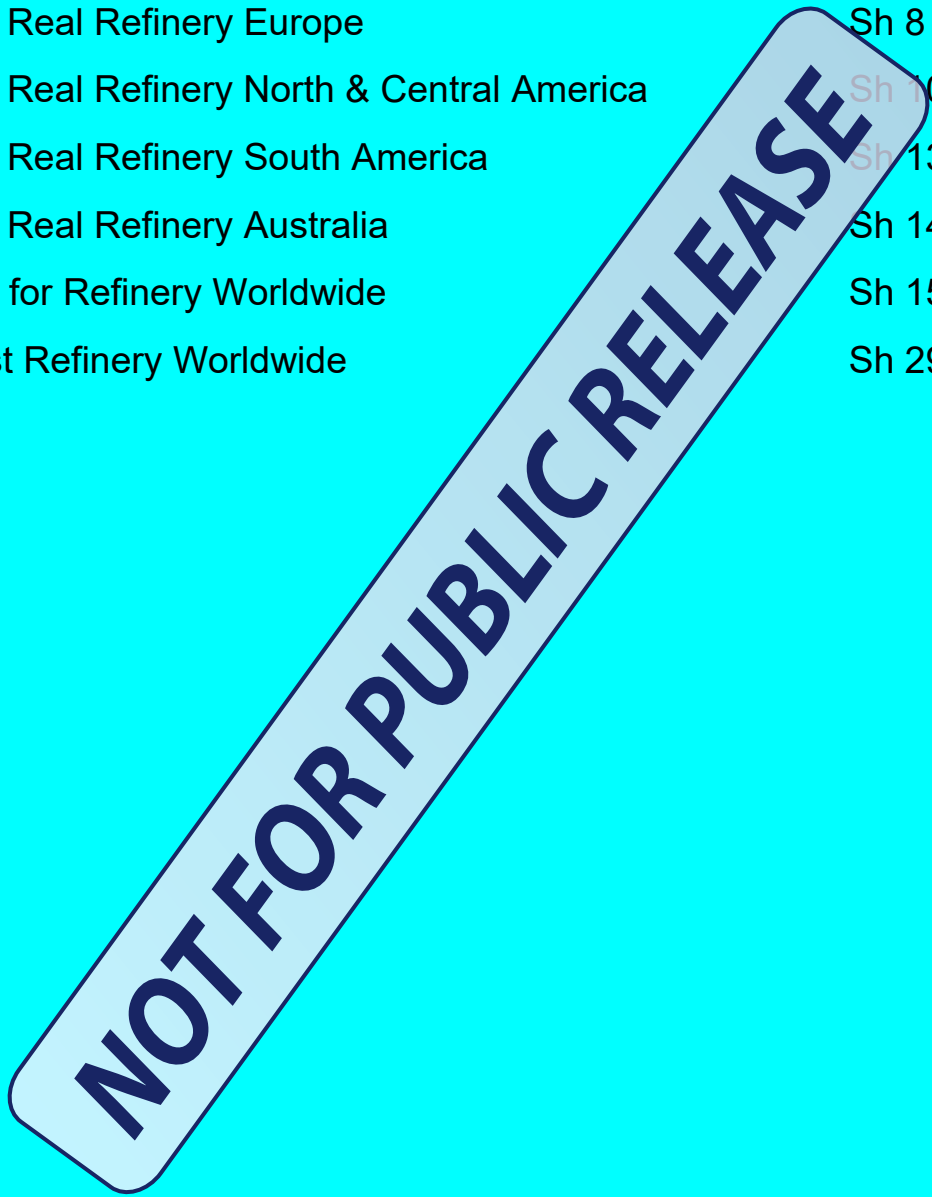




# VOLUME 5

## INDEX

List Of Real Refinery Africa	Sh 4
List Of Real Refinery Asia	Sh 5 to 7
List Of Real Refinery Europe	Sh 8 to 9
List Of Real Refinery North & Central America	Sh 10 to 12
List Of Real Refinery South America	Sh 13
List Of Real Refinery Australia	Sh 14
Charts for Refinery Worldwide	Sh 15 to 28
Largest Refinery Worldwide	Sh 29 to 36



COUNTRY	LIST OF REFINERIES WORLDWIDE
	Refinery Name / Capacity
<b>AFRICA</b>	
<b>Algeria</b>	Skikda Refinery (Sonatrach), 350,000 bbl/day (16.50 million tonne/year) Skikda condensate Refinery (Sonatrach), 100,000 bbl/day (5.00 million tonne/year) Adrar Refinery (CNPC, Sonatrach), 12,500 bbl/day (0.600 million tonne/year) Algiers Refinery (Sonatrach), 3.645 million tonne/year Arzew Refinery (Sonatrach), 3,750 million tonne/year Hassi Messaoud Refinery (Sonatrach), 5.00 million tonne/year (in construction commissioning in 2024)
<b>Angola</b>	Cabinda Refinery (Chevron Corporation), 16,000 bbl/d (2,500 m3/d) Luanda Refinery (Sonangol), 56,000 bbl/d (8,900 m3/d)
<b>Cameroon</b>	Limbé Refinery (Sonara), 42,600 bbl/d (6,770 m3/d)
<b>Chad</b>	Djarmaya Refinery (Societe d'Etude et d'Exploitation de la Raffinerie (SEERAT)), 20,000 bbl/d (3,200 m3/d)
<b>Congo</b>	Pointe Noire Refinery (CORAF), 21,000 bbl/d (3,300 m3/d)
<b>Congo, Democratic Republic</b>	Muanda Refinery (SOCIR), 15,000 bbl/d (2,400 m3/d) (not in working order since 2000)
<b>Egypt</b>	Alexandria Ameriya Refinery (EGPC), 81,000 bbl/d (12,900 m3/d) Alexandria El Mex Refinery (EGPC), 117,000 bbl/d (18,600 m3/d) Alexandria MIDOR Refinery (EGPC), 100,000 bbl/d (16,000 m3/d) Asyut Refinery (EGPC), 47,000 bbl/d (7,500 m3/d) Cairo Mostorod Refinery (EGPC), 142,000 bbl/d (22,600 m3/d) El Nasr Refinery (EGPC), 132,000 bbl/d (21,000 m3/d) El Suez Refinery (EGPC), 70,000 bbl/d (11,000 m3/d) Tanta Refinery (EGPC), 35,000 bbl/d (5,600 m3/d) Wadi Feran Refinery (EGPC), 8,550 bbl/d (1,359 m3/d) BASHANDYOIL fossil crude oil refinery, 300,000 barrels per day, at El Sokna, Suez (under construction) Egyptian Refining Co.ERC Mostorod, Egypt (80,000bbl/d)
<b>Eritrea</b>	Assab Refinery (Assab Refinery), 17,500 bbl/d (2,780 m3/d)
<b>Gabon</b>	Port Gentil Refinery (Sogara), 25,000 bbl/d (4,000 m3/d)
<b>Ghana</b>	Tema Oil Refinery (TOR) 45,000 bbl/d (7,200 m3/d)
<b>Ivory Coast</b>	Abidjan Refinery (SIR), 68,000 bbl/d (10,800 m3/d) Abidjan Bitumen Refinery (SMBCI), 10,000 bbl/d (1,600 m3/d)
<b>Kenya</b>	Mombasa Refinery (KPRL), 70,000 bbl/d (11,000 m3/d), Nelson Complexity Index 2.5 Lamu Refinery Lamu Port and Lamu-Southern Sudan-Ethiopia Transport Corridor 120 (under construction; design, finance and contractors are still not finalised)
<b>Libya</b>	Zawiya Refinery (National Oil Corporation), 120,000 bbl/d (19,000 m3/d) Ra's Lanuf Refinery (National Oil Corporation), 220,000 bbl/d (35,000 m3/d) El-Brega Refinery (National Oil Corporation), 10,000 bbl/d (1,600 m3/d) Sarrif Refinery (Arabian Gulf Oil Company), 10,000 bbl/d (1,600 m3/d) Tobruk Refinery (Arabian Gulf Oil Company), 20,000 bbl/d (3,200 m3/d)
<b>Madagascar</b>	Tomasina Refinery (Galana), 12,000 bbl/d (1,900 m3/d) (destroyed)
<b>Mauritania</b>	Nouadhibou Refinery (SOMIR), 10,000 bbl/d (1,600 m3/d)
<b>Morocco</b>	Mohammedia Refinery (SAMIR), 127,000 bbl/d (20,200 m3/d) Sidi Kacem (SAMIR), 50,000 bbl/d (7,900 m3/d) - closed
<b>Niger</b>	Zinder Refinery (Société de Raffinage du Niger), 20,000 bbl/d (3,200 m3/d)
<b>Nigeria</b>	Kaduna Refinery (NNPC), 110,000 bbl/d (17,000 m3/d) Port Harcourt Refinery (NNPC), 200,000 bbl/d (32,000 m3/d) Warri Refinery (NNPC), 125,000 bbl/d (19,900 m3/d) Waltersmith Refinery (Waltersmith Refining (Pty) Ltd (Somali), 5,000 bbl/d (790 m3/d) Dangote Refinery (Dangote Group), 120,000 bbl/d (19,200 m3/d) (Under construction; estimated completion is Q4-2022) Azikel Refinery (Azikel Petroleum), 100,000 bbl/d (16,000 m3/d) (Under Construction; estimated completion is summer 2023) Ogbele Refinery (Niger Delta Petroleum), 1,000 bbl/d (1,700 m3/d)
<b>South Africa</b>	Cape Town Refinery (Chevron Corporation), 160,000 bbl/d (25,600 m3/d) Engen Refinery (Engen Petroleum), 100,000 bbl/d (16,000 m3/d) Sapref Refinery (a joint venture between Shell and BP) (Sapref), 180,000 bbl/d (29,000 m3/d) [11] Nelson Complexity Index 8.44 Sasol Refinery (Sasol), 150,000 bbl/d (24,000 m3/d) (crude equivalent) Nobel Refinery (Nobel Energy, Green Star and Total South Africa), 108,000 bbl/d (17,200 m3/d) Kosof Refinery (Kosof), 40,000 bbl/d (7,200 m3/d)
<b>Sudan</b>	El-Obeidi Refinery (Sudan), 15,000 bbl/d (2,400 m3/d) Khartoum Refinery (Khartoum Refinery Company), 100,000 bbl/d (16,000 m3/d) Khartoum Refinery (Port Sudan Petroleum Refinery Limited), 21,700 bbl/d (3,450 m3/d) (decommissioned)
<b>Tanzania</b>	Dar es Salaam Refinery (TANREF), 17,000 bbl/d (2,700 m3/d)
<b>Tunisia</b>	Sfax Refinery (STIR), 14,000 bbl/d (5,400 m3/d)
<b>Uganda</b>	Uganda Oil Refinery (Uganda Oil Refinery), 9,500 bbl/d (9,500 m3/d) (planned; finance and contractors are still not finalised)
<b>Zambia</b>	Chingola Refinery (Zambia Petroleum Refinery), 25,000 bbl/d (4,000 m3/d)

