



Oil & Gas

FUELS · PETROLEUM FRACTIONS · SOLVENTS

CATEGORY OVERVIEW

OIL & GAS - ALL GRADES

Oil and gas cargoes, with fuels, petroleum fractions and solvents presented by grade.
Confirm the complete specification and shipment COA for each requirement.

Included products

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Gas Oil - Sulphur Range	-	Included	Supplied portfolio
Gas Oil 1,500 ppm	-	Included	Supplied portfolio
Automotive Diesel EN590 - 10 ppm	-	Included	Supplied portfolio
Fuel Oil CST 180 / CST 380	-	Included	Supplied portfolio
MHO - Marine Heavy Oil	-	Included	Supplied portfolio
Mazut M100	-	Included	Supplied portfolio
Naphtha	-	Included	Supplied portfolio
Kerosene	-	Included	Supplied portfolio
Jet A1	-	Included	Supplied portfolio
Petrol RON95	-	Included	Supplied portfolio
Petrol RON98	-	Included	Supplied portfolio
LPG - Propane / Butane	-	Included	Supplied portfolio
White Spirit	-	Included	Supplied portfolio

PRODUCT SPECIFICATION

Gas Oil - Sulphur Range

Gas oils across the supplied low- to high-sulphur range.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Sulphur range	ppm	500-25,000	Product portfolio
Available examples	ppm	500 / 1,500 / 5,000 / 10,000 / 25,000	Consolidated portfolio
Delivery	-	Bulk cargo	Commercial
Quality verification	-	Shipment COA	Commercial

Commercial notes

Exact density, flash point, viscosity, cetane, distillation and sulphur limits are fixed by grade.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

Gas Oil 1,500 ppm

Representative test results for the selected grade.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Density at 15.6°C	kg/m ³	Confirm by batch COA	Full test report
Flash point	°C	64	Full test report
Sulphur	mass %	0.1471	Full test report
Pour point	°C	< -36	Full test report
Viscosity at 40°C	mm ² /s	1.244	Full test report
Corrosion at 100°C	Class	1a	Full test report
ASTM colour	-	1.5	Full test report
Initial boiling point	°C	165	ASTM D86
50% recovered	°C	282	ASTM D86
Final boiling point	°C	352	ASTM D86

Commercial notes

Confirm the density and complete specification by shipment COA.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

Automotive Diesel EN590 - 10 ppm

Low-sulphur automotive diesel.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Cetane index	-	46.0 minimum	Supplier specification
Cetane number	-	51.0 minimum	Supplier specification
Density at 15°C	kg/m ³	830 maximum	Supplier specification
Sulphur	mg/kg	10 maximum	Supplier specification
Flash point	°C	65 minimum	Supplier specification
Water content	mg/kg	200 maximum	Supplier specification
Total contamination	mg/kg	24 maximum	Supplier specification

Commercial notes

Shipment must comply with the contracted EN590 edition and seasonal grade.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

Fuel Oil CST 180 / CST 380

Residual fuel oil grades for industrial and marine applications.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Grades	cSt	180 / 380	Product portfolio
Blend	-	Custom blends available	Product portfolio
Delivery	-	Bulk cargo	Commercial
Quality verification	-	Shipment COA	Commercial

Commercial notes

Sulphur, density, viscosity, water, ash, flash point and metals are agreed per cargo.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

MHO - Marine Heavy Oil

Marine heavy oil / hydrocarbon blend.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Product	-	MHO	Product portfolio
Indicative refinery allocation	MT/day	Confirmed per offer	Company overview
Delivery	-	Bulk cargo	Commercial
Quality verification	-	Shipment COA	Commercial

Commercial notes

Final assay and sulphur target are tailored to the contract.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

Mazut M100

Heavy residual fuel grade.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Grade	-	M100	Previous supplied catalogue
Delivery	-	Bulk cargo	Commercial
Quality verification	-	Shipment COA	Commercial

Commercial notes

Viscosity, sulphur, ash, water, density and flash point must be nominated in the contract.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

Naphtha

Light petroleum fraction for industrial and petrochemical use.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Specific gravity at 15.6/15.6°C	-	0.700 maximum	ASTM D1298
Research octane number	-	70 maximum	ASTM D2699
Total sulphur	mass %	0.75 maximum	IP 38
Initial boiling point	°C	40 minimum	ASTM D86
Final boiling point	°C	180 maximum	ASTM D86
Copper strip corrosion	Class	1 maximum	ASTM D130

Commercial notes

Origin and assay are confirmed by shipment COA.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

Kerosene

Middle-distillate kerosene cargo.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Product	-	Kerosene	Supplier portfolio
Indicative refinery allocation	MT/day	Confirmed per offer	Company overview
Delivery basis	-	FOB / CFR / CIF / FCA	Commercial
Quality verification	-	Shipment COA	Commercial

Commercial notes

Flash point, smoke point, sulphur, freezing point and distillation limits are destination-specific.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

Jet A1

Aviation turbine fuel precursor / cargo represented by the supplied full test report.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Density at 15.6°C	-	0.7887	Full test report
Flash point	°C	51	Full test report
Sulphur	ppm	1030	Full test report
Pour point	°C	< -36	Full test report
Corrosion at 100°C	Class	1a	Full test report
Mercaptans	ppm	12	Full test report
ASTM colour	-	< 0.5	Full test report
Initial boiling point	°C	161	ASTM D86
Final boiling point	°C	259	ASTM D86

Commercial notes

Aviation use requires compliance with the nominated Jet A-1 standard; the supplied report is not by itself a release certificate.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

Petrol RON95

Motor gasoline grade from the supplied full test report.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Density at 15.6°C	-	0.7470	Full test report
Sulphur	ppm	254	Full test report
Pour point	°C	< -36	Full test report
Corrosion at 50°C	Class	1a	Full test report
Vapour pressure	psi	8.7	Full test report
RON	-	95.4	Full test report
MON	-	84.4	Full test report
Mercaptans	ppm	< 5	Full test report
Final boiling point	°C	160	ASTM D86

Commercial notes

Representative sample results; confirm the destination specification and shipment COA.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

Petrol RON98

Motor gasoline grade from the supplied full test report.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Density at 15.6°C	-	0.7597	Full test report
Sulphur	ppm	257	Full test report
Pour point	°C	< -36	Full test report
Corrosion at 100°C	Class	1a	Full test report
Vapour pressure	psi	8.4	Full test report
RON	-	98.5	Full test report
MON	-	85.9	Full test report
Mercaptans	ppm	< 5	Full test report
Final boiling point	°C	152	ASTM D86

Commercial notes

Representative sample results; confirm the destination specification and shipment COA.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

LPG - Propane / Butane

Liquefied petroleum gas blend.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Propane	vol %	20-35	Supplier sheet
Butane	vol %	65-80	Supplier sheet
Vapour pressure at 37.8°C	kPa	1,000 maximum	ASTM D1267
Hydrogen sulphide	-	Negative	ASTM D2420
Ethyl mercaptan	ppm	35	ASTM D622

Commercial notes

Final blend composition and destination standard are stated in the cargo contract.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

PRODUCT SPECIFICATION

White Spirit

Clear petroleum solvent cargo.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Density at 15°C	kg/m ³	780 ± 5	ASTM D1298
Copper strip, 3 h at 100°C	Class	1a	ASTM D130
Flash point, tag	°C	43 ± 2	ASTM D56
Pour point	°C	-27	Supplier sheet
Total sulphur	ppm	< 1,200	ASTM D4294
Initial boiling point	°C	145 ± 5	ASTM D86
Final boiling point	°C	250 ± 5	ASTM D86

Commercial notes

Alternate supplied sheets show grade-specific values; nominate the required solvent grade.

Specification status

Consolidated from the supplied catalogues and test reports. The shipment-specific COA and signed contract specification take precedence.

COMMERCIAL ENQUIRIES

Request a firm offer and shipment COA.

State the product, grade, quantity, origin preference, delivery basis, destination, packaging, quality standard and inspection requirement.

PROPERTY	UNIT	SPECIFICATION / RESULT	METHOD / BASIS
Product / grade	-	Required	Commercial
Quantity	MT / litres	Required	Commercial
Incoterm	-	FOB / CFR / CIF / FCA	Commercial
Destination	-	Port / country	Commercial
Inspection	-	If required	Commercial

ENQUIRIES THROUGH OPHIR GATE

Mansour@ophirgate.com | ophirgate.com | +971 55 150 1994