



2022

Service Offer

Bovaird Supply & Services



Object

Marketing of products and services derived from petroleum, directly for the benefit of the petrochemical, gas, mining and cement industries.



Mission

To be the base company for the construction of large businesses in the industry with the highest quality criteria.



Vision

Become the leaders of the region, through the commercialization of large tons of petroleum products.



Our values throughout **30 years of experience** in the region



Responsibility

We guarantee the quality of our services through our sense of responsibility

1



Commitment

We know how important it is to fulfill the objectives behind each contract

2



Transparency

Through audit processes we are able to guarantee transparency in our services

3

We provide services that guarantee **quality**

Logistic and technological solutions

We are capable of taking our products and services, which are derived from petroleum, to every corner, with a view to being the solution for the largest companies.



Expansion

We seek to be the solution to companies that require raw material for their expansion in the market.



Attention to the energy sector

Our products and services can be very useful to the entire sector, with emphasis on the energy area due to the type of products we offer.



Efficient supply

We seek to guarantee the supply of the requested products, based on the total satisfaction of the corporate client.



Guaranteed logistics

By having oil derivative products, we have the operational capacity to guarantee adequate logistics for your request.



Group of experts

We have a group of professionals willing to offer the best possible service.

Products:

Green delayed petroleum coke



SPECIFICATION	UOM	ANALYSIS METHOD	VALUE	TYPE
ASH - DRY BASIS	%WT	D3174	1,00	MAXIMUM
GROSS CALORIFIC VALUE	BTU/LB	D2015	14.000	MINIMUM
HARDGROVE INDEX	BTU/LB	D409	50,0	MINIMUM
MOISTURE	%WT	ASTM D3173/D3302	12,0	MINIMUM
SIZELESS THAN 10 CM	%	D293	98,0	TYPICAL
SULPUR DRY BASIS	%WT	D4294/S4239	5,00	MAXIMUM
VANADIUM & METALS CONTENT	PPM	ASTM D3683	5.000,0	MAXIMUM
VOLATILE MATTER	%	D4421	16,00	MAXIMUM

Minimum quantity liftable: 25,000 MT
Maximum quantity liftable: 100,000 MT (monthly)

High sulfur fuel oil (HSFO S. 3.5%)

SPECIFICATION	UOM	ANALYSIS METHOD	VALUE	TYPE
ALUMINIUM CONTENT	PPM	D5184	30	MAXIMUM
API GRAVITY@60F (15.5°C)	API	D1298	14 - 18	MINIMUM
ASH CONTENT	%WT	D482	0.15	MAXIMUM
FLASH POINT	°F	D93	150	MINIMUM
POUR POINT	°F	D97	60	MAXIMUM
WATER AND SEDIMENT	%VOL	D1796	1	MAXIMUM
SILICON CONTENT	PPM	D5184	50	MAXIMUM
SODIUM CONTENT	PPM	D5863/D5708	70	MAXIMUM
SULPHUR CONTENT	%WT	D2622/D4294	3.50	MAXIMUM
VANADIUM CONTENT	PPM	D5863	400	MAXIMUM
KINEMATIC VISC @122°F(50°)	MM2/S	D445	700 - 850	MIN - MAXIMUM
WATER BY DISTILLATION	%VOL	D95	1	MAXIMUM



Minimun quantity liftable: 1,000,000 Bbl.
Maximun quantity liftable: 4,000,000 Bbl. (mensual)

Crude oil API 16

SPECIFICATION	UNIT	TEST METHOD	VALUE	TYPE
API GRAVITY@60F (15.5°)	°API	ASTM D - 1298	15,8	TYPICAL
WATER BY DISTILLATION	%VOL	ASTM D - 4006	0,45	MAXIMUM
SEDIMENT BY EXTRACTION	%WEIGHT	ASTM D - 473	0,02	MAXIMUM
WATER BY DIST. + SEDIM BY EXTRACT	%VOL	ASTM D - 473	0,47	MAXIMUM
SULFUR CONTENT	%WEIGHT	ASTM D - 4294	3,36	TYPICAL

Minimun quantity liftable: 1,000,000 Bbl.
Maximun quantity liftable: 4,000,000 Bbl. (mensual)



Crude oil API 10

SPECIFICATION	UOM	ANALYSIS METHOD	VALUE	TYPE
GRAVITY	°API	D1298	10.1	MINIMUM
SULPHUR	%WT	D2622	5.4	MAXIMUN
KINEMATIC VISCOSITY AT 100 °F	CST	D7042 - D445	11233	MAXIMUM
VANADIUM	PPM	A231	11222	MAXIMUN
NEUTRALIZATION NUMBER	MG KOH/GR	D664 - D2711	91	MINIMUM
POUR POINT	°C	D6749 92 + D97	7	MINIMUN
WATER BY DIST + SEDIM BY EXTRACT	%VOL	D4006 + D473	1.00	MAXIMUN



Minimun quantity liftable: 1,000,000 Bbl.
Maximun quantity liftable: 4,000,000 Bbl. (mensual)

Wood chips plant

CALORIFIC CAPACITY / SAMPLE	CH (%)*	PCS(Kj/Kg)**	PCI (Kj/Kg)***	PCI(Kj/Kg)***
HEALTHY PINE CHIPS	17,71	21.057,28	17.646,98	17.327,60
STAINED PINE CHIP	17,79	20.318,30	17.005,99	16.703,24
FINE CHIPS	14,70	20.199,14	17.424,23	17.229,39
THICK ROUNDWOOD BARK	18,66*	21.824,62	18.133,37	17.751,70
THICK ROUNDWOOD BARK	18,52*	22.048,47	18.346,46	17.964,64



We are the best offer of services and products in the region



Personalized attention

According to the requirement of each client.



Global

Transportation, care and logistics services for our products around the world



Guaranteed quality

We deal with and strive to comply with all national and international regulations.



Efficient services

Developed by expert professionals in the oil, petrochemical, gas and chemical areas.

Our locations



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