GREEN FUEL VALIDATION PLATFORM

Report ID:22

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BIOFUEL SUMMARY

Basic Summary

Name And Organization	Email And Phone	Selected Biofuel
Haradhan Sharma	haradhan.sharma@gmail.com	Pyrolisis Oil
Veerera Limited	+8801712270815	

Executive Summary

To obtain a holistic understanding for your biofuel, it is very important to know the basic production economics (production cost/volume, future production cost/volume, availability). Please find the regions, and seasons of the year when your biofuel is available. Also kindly obtain detains on present and future production cost for your biofuel. To obtained a detailed understanding it will be also important that the present and future production volumes are calculated. This will be critical as costumers will have preference in supporting biofuel producers who can meet the massive biofuel demand.

Please get the basic corrosive properties (acid no, copper strip corrosivity, strong acids, pH, appearance, oxidation stability etc) of your oil has been measured. Biofuel consumers and traders will certainly need these information to understand the effect on oil in the infrastructure.

Overall assessment of your biofuel shows that you have very rudimentary knowledge.

Based on the response to the enquiry, the overall evaluation of your oil contains multiple serious shortcomings.

Compliance Summary

To obtain a holistic understanding for your biofuel, it is very important to know the flow properties (viscosity, density, CFPP, cloud point, etc) of your oil. Please measure the viscosity (ISO 3104) and density (ISO 3675 or ISO 12185) of your biofuel. ISO8217:2017 sets the standard for various marine fuels. Viscosity and density is the principle factor based on which biofuels are categorised in different types (ranging from DMX to RMK700). Which type of bunker fuel alternative should you be aiming for is primarily determined by the viscosity of your biofuel. This intern also determines the geographical regions in which you biofuel may have

the maximum demand. Relation between bunker oil types and trade volumes can be found in the following link: https://tinyurl.com/4aru7znz Every purchaser has its own requirement of cloud point, CFPP and pour point. It is determined by the shipâ€™s intended area of operation, type of the year and climatic condition in the region. Studying cold flow properties of your biofuel is very important to find suitable buyers. These information are very critical as costumers will have preference in supporting biofuel producers who can meet the specific biofuel demand.

Please get the basic corrosive properties (acid no, copper strip corrosivity, strong acids, pH, appearance, oxidation stability etc) of your oil has been measured. Biofuel consumers and traders will certainly need these information to understand the effect on oil in the infrastructure.

Compliance assessment of your biofuel shows that you have very rudimentary knowledge.

Based on the response to the enquiry, the compliance evaluation of your oil contains multiple serious shortcomings.

Economical Summary

You have confirmed that you have the basic production economics for your biofuel (production cost/volume, future production cost/volume, and availability).

Please obtain the basic operational economics (transporting, and bunkering) of your oil. It is an important milestone.

The GHG emission reduction calculation is very important for assessment of a green fuel. Click this link for more information: https://tinyurl.com/2p86c6sa

Please kindly obtain the GHG emission calculation for your biofuel. Once you have obtained this information we can move on to the next steps.

Economical assessment of your biofuel shows that you have very rudimentary knowledge.

According to the response to the query, the economical evaluation of your oil is highly promising. It has a lot of promise in terms of the economics.

Technical Summary

To obtain a holistic understanding for your biofuel, it is very important to know the flow properties (viscosity, density, CFPP, cloud point, etc) of your oil. Please measure the viscosity (ISO 3104) and density (ISO 3675 or ISO 12185) of your biofuel. ISO8217:2017 sets the standard for various marine fuels. Viscosity and density

is the principle factor based on which biofuels are categorised in different types (ranging from DMX to RMK700). Which type of bunker fuel alternative should you be aiming for is primarily determined by the viscosity of your biofuel. This intern also determines the geographical regions in which you biofuel may have the maximum demand. Relation between bunker oil types and trade volumes can be found in the following link: https://tinyurl.com/4aru7znz Every purchaser has its own requirement of cloud point, CFPP and pour point. It is determined by the shipâ€™s intended area of operation, type of the year and climatic condition in the region. Studying cold flow properties of your biofuel is very important to find suitable buyers. These information are very critical as costumers will have preference in supporting biofuel producers who can meet the specific biofuel demand.

Please get the basic corrosive properties (acid no, copper strip corrosivity, strong acids, pH, appearance, oxidation stability etc) of your oil has been measured. Biofuel consumers and traders will certainly need these information to understand the effect on oil in the infrastructure.

Please obtain the combustion properties of your oil. It is an important milestone.

Please obtain the combustion properties of your oil. It is an important milestone.

Please obtain the basic operational economics (transporting, and bunkering) of your oil. It is an important milestone.

Technical assessment of your biofuel shows that you have very rudimentary knowledge.

Based on the response to the enquiry, the technical evaluation of your oil contains multiple serious shortcomings.

Environmental Summary

Please obtain the combustion properties of your oil. It is an important milestone.

Please obtain the combustion properties of your oil. It is an important milestone.

The GHG emission reduction calculation is very important for assessment of a green fuel. Click this link for more information: https://tinyurl.com/2p86c6sa

Please kindly obtain the GHG emission calculation for your biofuel. Once you have obtained this information we can move on to the next steps.

Environmental assessment of your biofuel shows that you have very rudimentary knowledge.

According to the response to the query, the environmental evaluation of your oil is highly promising. It has a lot of promise in terms of the environment.

Question Specific Feedback

Question : Have you developed the basic production economics (production cost/volume, future production cost/volume, availability) ?

Chosen Option : Yes

Comment :

Feedback : You have confirmed that you have the basic production economics for your biofuel (production cost/volume, future production cost/volume, and availability).

Question : Have you studied the basic flow properties (viscosity, density, CFPP, cloud point, etc) of your oil ?

Chosen Option : No

Comment :

Feedback : To obtain a holistic understanding for your biofuel, it is very important to know the flow properties (viscosity, density, CFPP, cloud point, etc) of your oil. Please measure the viscosity (ISO 3104) and density (ISO 3675 or ISO 12185) of your biofuel. ISO8217:2017 sets the standard for various marine fuels. Viscosity and density is the principle factor based on which biofuels are categorised in different types (ranging from DMX to RMK700). Which type of bunker fuel alternative should you be aiming for is primarily determined by the viscosity of your biofuel. This intern also determines the geographical regions in which you biofuel may have the maximum demand. Relation between bunker oil types and trade volumes can be found in the following link: https://tinyurl.com/4aru7znz Every purchaser has its own requirement of cloud point, CFPP and pour point. It is determined by the shipâ€™s intended area of operation, type of the year and climatic condition in the region. Studying cold flow properties of your biofuel is very important to find suitable buyers. These information are very critical as costumers will have preference in supporting biofuel producers who can meet the specific biofuel demand.

Question : Have you studied the basic corrosive properties (acid no, copper strip corrosivity, strong acids, pH, appearance, oxidation stability etc) of your oil ?

Chosen Option : Don't know

Comment :

Feedback : Please get the basic corrosive properties (acid no, copper strip corrosivity, strong acids, pH, appearance, oxidation stability etc) of your oil has been measured. Biofuel consumers and traders will certainly need these information to understand the effect on oil in the infrastructure.

Question : Have you studied the basic combustion properties (Calorific value, Cetane Index, Cetane Number etc) of your oil ?
Chosen Option : Don't know **Comment :** **Feedback :** Please obtain the combustion properties of your oil. It is an important milestone.
Question : Have you studied the basic safety properties (flash point, SCW95) of your oil ?
Chosen Option : Don't know **Comment :** **Feedback :** Please obtain the safety properties of your oil. It is an important milestone.
Question : Have you studied the basic operational economics (transporting, and bunkering) of your oil ?
Chosen Option : Don't know **Comment :** **Feedback :** Please obtain the basic operational economics (transporting, and bunkering) of your oil. It is an important milestone.
Question : What is the GHG reduction of your fuel ?
Chosen Option : Don't know **Comment :** **Feedback :** The GHG emission reduction calculation is very important for assessment of a green fuel. Click this link for more information: https://tinyurl.com/2p86c6sa