



KFL

SYNTHETIC EMULSION FUELS

By KGM HOLDING GROUP
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KFL FUEL

KGM holding group is developing new hi-tech catalysts with combined emulsifiers to produce new generation of emulsified fuels which is different than other current emulsion fuels.

KGM technical advisors are suggesting you to use fuel enhancer and emulsifier (WXO110) to get rid of low quality fuel oil difficulties and problems by producing KFL FUEL. This generation of fuel enhancer products are in powder form and easy to handle. also much stronger than the old generations and have a much better results in field of action.

KFL FUEL APPLICATIONS



➤ **POWER PLANTS**

➤ **SHIPS (MARINE TRANSPORTATION FUEL)**

➤ **BOILERS, HEATERS, BURNERS**

➤ **FURNACES**

➤ **REFINERIES (as feed)**

KFL BENEFITS & ADVANTAGES

WXO110 emulsifier can be used in fuel oil and heavy fuel oil to emulsify water in fuel. The advantages of this kind of emulsified fuel oil are:

- **Increase financial net efficiency**
- **Reduce solid emission**
- **Reduce NO_x, SO₃ and CO emission**
- **Reduce maintenance**
- **Eliminate or reduce acid smut fallout**
- **Clean fuel system**
- **No high and low temp corrosion**
- **No high and low temp deposits**
- **Higher efficiency due to better heat transfer and heating energy**
- **Higher boiler availability**
- **Efficiency improvement (reduce exit gas temperature)**



KFL FUEL PRODUCTION

Mixing operation of emulsifier (WXO110) and fuel oil and water is a very easy to run and user friendly method which doesn't need any heavy installation.

It is easy and fast to run with minimum of investment and maximum outcome.





ENVIRONMENTAL CONSIDERATIONS

KFL FUELS can help us to reduce a large amount of environmental pollutions. By KFL, we are also reducing the amount of consumed Fuel oil.

This is one of our main concerns to reduce environmental impacts during production and consumption of our products and technologies.



KGM TECHNOLOGIES

Example of a running project

Kermanshah Oil Refinery









THANKS FOR WATCHING