Technology for improving fuel oil and gas quality

**Brief introduction to the project**

With the development trend of diversified sources, markets and business bodies in fuel gas industry, people pay attention to the additives. The question that how to enhance and improve quality of fuel gas, save energy and fuel and increase power take more and more attentions of people. At present, most additives are chemical additives, which can easily produce secondary pollution and are not applicable to each liquid fuel. To probe additive that are proper to each liquid fuel, each fuel machinery and equipment, and completely improve fuel gas quality become the key problem researched by domestic and overseas scientific and technological workers.

**Project planning**

After introducing additive or machinery equipment, we shall take use of current oil gas warehousing and transport bases to treat with oil products and fuel gas, so as to improve the quality of fuel oil and gas. Namely to improve 90# gasoline to 93# or 97#, the fuel gas after treatment will be more energy saved and environmental protective.

**Technical requirements**

Technical requirements for fuel oil:

1. Improving oil product quality: increasing octane number of gasoline and decreasing freezing point of diesel oil;
2. Strengthening anti oxygenation functions: reducing actual gum level to prevent forming up of gum.

Technical requirements for fuel gas:

Strengthening dynamic performance of fuel gas automobiles, and reducing oil stain content in fuel gas.

**Cooperation mode**

1. Direct introduction or procurement for mature and advanced leakage alarm and cutting off unit;
2. Cooperated with academy having research and development capacity and qualification. Seeking for common development by making mutual technical share holding, our group will provide research and development funds and experimental bases, the cooperated party will organize technology strengths to complete scientific research project, and both parties will share scientific achievement and bear risk jointly after the completion.

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