



Improved lubricity and conductivity of ultra low sulfur diesel

Complete solutions that are applied throughout its value chain

SITUATION

Ultra Low Sulfur Diesel (ULSD) is a clean-burning raffinate that contains 97% less sulfur than Pemex Diesel®. Thanks to this characteristic, the emissions resulting from its use in engines are much less polluting than those produced by other alternatives.

As part of a global trend to improve fuel quality, as of 2006 the official Mexican standard "Specifications of fossil fuels for environmental protection" came into force, which establishes that the diesel used in Mexican territory must contain less than 15 parts per million sulfur.

To meet this standard, diesel must be desulfurized. This process removes a considerable amount of sulfur, as well as other agents that give the fuel essential lubricity and conductivity properties for its final use.

While lubricity is necessary for the correct functioning of the internal parts of engines that use diesel, conductivity allows the fuel to dissipate its own electrostatic charges, an invaluable characteristic for safety during handling of refining. Due to this, after its desulfurization and before going on sale, ULS diesel must be treated with additives that restore both properties.

SOLUTION

Apollo is a pioneer in offering such services in Mexico. Nowadays, ULSD is conditioned at different points of the northern border. The treatment consists of the application of a dual action additive, "T-9115 HF", which improves lubricity and conductivity.

Dosing can be done in pipelines, ships or auto tanks. In the latter case, the additive «T-3514» is also added, which reinforces the conductivity to provide greater safety during the transfer of fuel.

Currently, Operations to condition Ultra Low Sulfur Diesel have being carried out successfully in the states of Baja California, Chihuahua and Tamaulipas.

If you would like more information about this application, please contact the experts at Apollo and find out in detail what they can do for your process.





EXPERIENCE

DUAL ACTION ADDITIVE

which improves fuel lubricity and conductivity

PIONEERS

in ULSD conditioning in Mexico

DOSAGE

in pipelines, ships or tank cars

www.apollo.mx
info@apollo.mx
+52 (722) 279 1400

