

# How can I ship my diesel fuel samples?

You can ship your diesel fuel, biodiesel, and fuel oil samples via **United Parcel Service (UPS)**, **Federal Express** or other courier. All samples should be collected in leakproof containers, wrapped with absorbent material and sealed in individual leakproof plastic bags. They should be packed securely so that they are protected from breakage during shipping.

## The specific method of shipping depends on the Flash Point of the fuel:

### 140°F or higher

If your fuel has a flash point of 140°F or higher, it is considered a combustible liquid and can be shipped by Ground or Air, with no special markings on the package.

### 100°F to 140°F

If your fuel has a flash point between 100°F and 140°F it is again considered a combustible liquid; however, it may only be transported by ground with no special markings on the package.

### Below 100°F

Fuels with a flash point below 100°F are considered flammable liquids, and must meet the hazardous materials regulations contained in 49 CFR 100-185. In order to ship fuel in this category you must have a hazardous materials handling contract with a shipping company or meet the **Small Quantity Exemption 49 CFR 173.4** or **Excepted Quantities 49 CFR 173.4a** requirements.



## GROUND SHIPPING—Small Quantity Exemption

**49 CFR 173.4** The fuel must be packaged in separately wrapped 1 fluid oz. containers, with a total package weight not exceeding 64 pounds. Packages must be marked with the following statement: **This package conforms to 49 CFR 173.4 for domestic highway or rail transport only.**

## AIR SHIPPING—Excepted Quantities 49 CFR 173.4a

Again, the fuel must be packaged in separately wrapped 1 fluid oz. containers. Each package is limited to a total of 1 liter of fuel, and must display the **Excepted Quantity label** embossed with the number 3 representing the shipping class.

Links to 49 CFR 173.4 and 49 CFR 100-185 can be found on our web site at [www.kmtlabs.com/hazmat-shipping](http://www.kmtlabs.com/hazmat-shipping)

## Flash Point Testing

KMT offers flash point testing by ASTM D93. Please contact the laboratory for more information or to order sample kits that meet these requirements.