

Importance of Testing DEF to Spec

Company Type: Fuel Distributor
Geographical Location: South Texas
Size: 6 locations, over 70 employees

What Brenntag Offers Clients Like This

Brenntag will provide a quality product and assistance on how to properly test that product to spec

CUSTOMER CHALLENGES

This customer took the right precautions and purchased the proper Misco Refractometer (*Models DEF 201 & DEF 202 are both approved*) that Brenntag recommends for testing loads of Diesel Exhaust Fluid (DEF). When receiving a recent bulk delivery from Brenntag the refractometer reading showed the DEF was not within ISO specifications.

BRENNTAG SOLUTION

During the delivery the Brenntag driver asked to examine the refractometer to see how the customer was testing the fluid. He realized that they were reusing the testing tools instead of using proper materials to wipe the refractometer clean after each use. Our driver told them to use proper cleaning cloths and new sample taking tools for each load of DEF. To make sure the fluid was being tested correctly, he tested the load himself which proved the fluid was indeed within spec. This was backed also by the Certificate of Analysis (CoA) the driver had in his possession.

How to Properly Use a Refractometer

1. Place a couple drops of DEF into the stainless-steel well.
2. Press the button to initiate the reading.
3. Within seconds, the urea concentration will be displayed on the LCD screen.
4. Wipe clean the refractometer of any DEF residue after each use.

RESULTS

While working through this challenge, the customer was taught how to properly test for contamination of the product during delivery of each load. The customer was reassured of the quality product Brenntag delivers and is confident they are distributing a quality product to their customer base.

DID YOU KNOW...

Testing of Diesel Exhaust Fluid (DEF) is important to do during multiple steps from creation to delivery. Upon arrival at each Brenntag terminal, every load of TerraCair® Ultrapure DEF must undergo an extensive testing process to assure consistent quality. Not properly testing DEF can result in voided vehicle warranties, premature catalyst deactivation, detrimental affects to SCR performance, lower fuel economy or fouled pre-filters and injector nozzles.

