

Press Release

Biodiesel becomes more safe

Berlin, 01. August 2024 – After passing all the demanding tests, an oxidation stabilizer from CHIMEC was placed on the AGQM no-harm list, thus expanding the range of tested and suitable additives for use in biodiesel.

Fatty acid methyl ester (FAME, biodiesel) is often stabilised with additives (oxidation stabilisers and flow improvers) to ensure safe storage and use at low temperatures. In the past, so-called no-harm tests were developed to test the additivation of biodiesel with oxidation stabilisers and flow improvers for possible negative interactions with FAME, the fossil diesel fuel and other additives.

In addition to the standard requirements for pure biodiesel, a series of specific tests such as interaction, filtration and engine oil compatibility tests as well as the XUD-9 engine test in a diesel fuel with 10% biodiesel content (B10) are carried out in the demanding and globally unique test programmes.

In this year's test round, only one of the oxidation stabilizers tested, the additive CHIMEC R877 HFP, passed all the demanding tests and was included in the no-harm list as the 69th oxidation stabilizer.

“We are delighted that the CHIMEC additive has fulfilled the strict requirements of our no-harm evaluation,” says Katharina Friedrich, Quality Manager at AGQM. “This means that another additive is now available for controlled and appropriate addition to FAME, and demonstrates the industry's commitment to bringing only such products onto the market.”

Further information on the no-harm tests and free, personalised copies of the different no-harm lists with all successfully tested products can be obtained from the AGQM website www.agqm-biodiesel.com/en. Information on the next no-harm test rounds can be found at info@agqm-biodiesel.de.

AGQM is an organization founded by leading companies of the German biodiesel industry. As technical association AGQM predominantly deals with all issues concerning the quality management of biodiesel and its by-products.

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