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Aerospace Filtration – Joining the 20th Century

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The aviation industry is conservative by nature due to high risk of flight. Filtration standards are updated as needed but typically the methods of determining fuel cleanliness remain being Aqua-glo and gravimetric analysis. The industry also uses the “white bucket” test for additional cleanliness determination in the field.

Over the past few years, the aviation industry has “discovered” new methodologies that could provide improved techniques for measuring fuel quality: particle counters and photometers. The aviation industry is very naïve using these systems and is encountering the learning curve the hydraulics industry went through during the inception of particle counters and other sensing technologies.