

**SAE International Journal of Fuels and Lubricants**  
 Volume 8, Issue 3 (November 2015)  
 Table of Contents



<b>Characterization of the Ultrafine and Black Carbon Emissions from Different Aviation Alternative Fuels</b> (2015-01-2562).....	<b>515</b>
Tak W. Chan, Wajid Chishty, Craig Davison, and David Buote	
<b>Evaluation of H<sub>2</sub>/N<sub>2</sub> as an Alternative to H<sub>2</sub>/He for Flame Ionization Detector Mix Fuel</b> (2015-01-2803).....	<b>527</b>
Anuj Kumar, Valentin Rougé, Nathalie Luu, Steven Yu, Valerie Bossoutrot, Steve Hagen, and Tracey Jacksier	
<b>Effect of Temperature, Pressure and Equivalence Ratio on Ignition Delay in Ignition Quality Tester (IQT): Diesel, <i>n</i>-Heptane, and <i>iso</i>-Octane Fuels under Low Temperature Conditions</b> (2015-01-9074).....	<b>537</b>
Seung Yeon Yang, Nimal Naser, Suk Ho Chung, and Junepyo Cha	
<b>Testing and Prediction of Material Compatibility of Biofuel Candidates with Elastomeric Materials</b> (2015-01-9075).....	<b>549</b>
Stefan Heitzig, Alexander Weinebeck, and Hubertus Murrenhoff	
<b>A Novel Method to Evaluate the Combustion Quality of Gasoline Engines: Exhaust Waveform Using AutoEKG Fuel System Analyzer</b> (2015-01-9076).....	<b>560</b>
Nadir Yilmaz, Stephen Davis, Jacob James, Alan Ferry, and Bernie Thompson	
<b>Analysis of Averaging Methods for Large Eddy Simulations of Diesel Sprays</b> (2015-24-2464).....	<b>568</b>
Daniele Farrace, Ronny Panier, Martin Schmitt, Konstantinos Boulouchos, and Yuri M. Wright	
<b>Soot Investigation on Fish Oil Spray Combustion in a Constant Volume Cell</b> (2015-24-2479).....	<b>581</b>
Maximilian Malin, Vladimir Krivopolianskii, Bjorn Rygh, Vilmar Aesoy, and Eilif Pedersen	
<b>A Comparative Analysis on Engine Performance of a Conventional Diesel Fuel and 10% Biodiesel Blends Produced from Coconut Oils</b> (2015-24-2489).....	<b>597</b>
Changhwan Woo, Sanghoon Kook, Peter Rogers, Christopher Marquis, Evatt Hawkes, and Samani Tupufia	
<b>An Experimental Study on the Use of Butanol or Octanol Blends in a Heavy Duty Diesel Engine</b> (2015-24-2491).....	<b>610</b>
Tankai Zhang, Karin Munch, and Ingemar Denbratt	
<b>Erratum: On the Potential of Oxygenated Fuels as an Additional Degree of Freedom in the Mixture Formation in Direct Injection Diesel Engines</b> (2015-01-0890.01).....	<b>622</b>
Barbara Graziano, Florian Kremer, Stefan Pischinger, Karl Alexander Heufer, and Hans Rohs	