

Fuels Restricted to Flexible Fuel Vehicles

FALS Task Force Update

CWMA Annual Meeting

May 22, 2012

TF Goal

- Fuel surveys
- Identify and propose modifications to Handbook 130 related to fuels restricted to Flexible Fuel Vehicles (FFV)
- We are in a transition period

ASTM Changes for FFV Fuel

OLD

- One standard for part of the ethanol/ gasoline blend range
- Commonly referred to as “E85”
 - D5798 – 10a Standard Specification for Fuel Ethanol (Ed70-Ed85) for Automotive Spark-Ignition Engines
 - Ed means denatured fuel ethanol not ethanol

ASTM Changes for FFV Fuel

NEW

Full range of ethanol concentrations

- D7794 – 12 Standard Practice for Blending Mid-Level Ethanol Fuel Blends for Flexible-Fuel Vehicles with Automotive Spark-Ignition Engines
- D5798 – 11 Standard Specification for Ethanol Fuel Blends for Flexible-Fuel Automotive Spark-Ignition Engines

Ethanol Flex Fuel

- ASTM develops performance specifications
- Regulators develop naming and labeling requirements

- Why “Ethanol Flex Fuel”
- Vehicles are tagged as “Flex Fuel”
- Current FFVs - “Ethanol” not “Methanol”

Ethanol Flex Fuel

- ASTM acknowledged change in specification
- D5798-11 section 1.3 “This specification formerly covered Fuel Ethanol (Ed70-Ed85) for Automotive Spark-Ignition Engines, also known commercially as E85.”

Requesting Feedback

- TF Proposal – last FALS meeting
- E85 Flex Fuel
 - minimum 51% ethanol
 - Meets D5798
- MLEB
 - EXX (+/- 5%) Flex Fuel
 - Blended and dispensed per D7794
- Develop HB 130 voting item for 2013

FALS Flex Fuel TG

Email additional comments to:

corr@adm.com