Appendix J

NIST Handbook 130 – Uniform Engine Fuels and Automotive Lubricants Regulation

**Item**:

237-11: Section X.X. Flex Fuel Vehicles

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| **Flex Fuel Ve****hicle Fuel Task Force**  **(FFVFTF)**  Interim NCWM  January 22, 2012  New Orleans, LA |
|  |
| Flex Fuel Vehicle Fuel TF  • Formed at FALS – NCWM Montana 2011  • Address full range of blends restricted to  FFVs  • Incorporate changes to ASTM documents  • Develop consensus wording for HB 130  • Progress has been made |
| Fuels restricted to FFVs  **Current** **HB** **130** **language**  ASTM D4814 for conventional vehicles ASTM D5798 restricted to FFVs Previous D5798 68 to 83 % ethanol  **Changes** **to** **be** **Incorporated**  Current D5798 51 to 83 % ethanol  ASTM DXXXX MLEB ‐ full committee vote soon  GT conventional & LT 51% ethanol |
|  |
| Progress on Fuel for FFVs   * Ethanol Flex Fuel   + Ethanol concentrations restricted to FFVs   + Differentiate from methanol and others   + Easy consumer identification * Identified locations in HB 130 needing modification   – Ethanol & Denatured Fuel Ethanol  – Definitions, specifications, labeling … |
| **Naming & Labeling ‐ Unresolved**  ***1 ‐* Ethanol Flex Fuel**  Mid‐Level Ethanol Flex Fuel ASTM DXXXX Conv. → 51% EXX +/‐ 5%  High‐Level Ethanol Flex Fuel ASTM D5798 51 → 83 % High‐Level Ethanol Flex Fuel  (Min 51%)  ***2 ‐* Ethanol Flex Fuel**  Mid‐Level Ethanol Flex Fuel ASTM DXXXX Conv. → 51% EXX +/‐ 5%  High‐Level Ethanol Flex Fuel ASTM D5798 51 → 83 % High‐Level Ethanol Flex Fuel  (min 51%)  EE85 ADTM D5798 &68 🡪 83 % E85 (Min 68%)  ***3 ‐* Ethanol Flex Fuel**  [other options may be proposed]  How to handle transitions?? \* FTC ruling ?? |

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