



## Colorado Dispenser Labeling Requirements for Automotive Gasoline and Automotive Gasoline-Oxygenate Blends

### Colorado Revised Statutes 8-20-211.5. Labeling of containers

Throughout the state of Colorado, all visible containers and all devices for drawing motor fuel blends containing class I fuel products and at least two percent by volume of alcohol from underground containers at filling stations, garages, or other places where such products are sold or offered for sale shall be stamped or labeled in a visible place with information indicating the presence of alcohol in the motor fuel blend. If the volume of ethanol exceeds ten percent, or if the volume of methanol exceeds two percent, the stamp or label shall state the exact percentage. Such information shall appear on the front of the pump in a position clear and conspicuous to the driver's position, in at least one-half inch block letters, with information that identifies the maximum percentage by volume to the nearest whole percent of ethanol or of methanol or methanol with cosolvents.

### NIST Handbook 130 Uniform Engine Fuels and Automotive Lubricants Regulation

**3.1.2. Retail Dispenser Labeling.** – All retail dispensing devices must identify conspicuously the type of product (exception: gasoline and gasoline-oxygenate blends), the particular grade of the product (exception: No. 2 Diesel), and the applicable automotive fuel rating.  
(Amended 2018)

**3.1.3. Grade Name.** – The sale of any product under any grade name that indicates to the purchaser that it is of a certain automotive fuel rating or ASTM grade shall not be permitted unless the automotive fuel rating or grade indicated in the grade name is consistent with the value and meets the requirements of Section 2, Standard Fuel Specifications.

**3.2.1. Posting of Antiknock Index Required.** – Automotive gasoline and automotive gasoline-oxygenate blends shall post the minimum antiknock index in accordance with applicable regulations, 16 CFR 306 issued pursuant to the "Petroleum Marketing Practices Act," as amended.  
(Amended 2018)

**3.2.2. Use of Lead Substitute Must be Disclosed.** – Each dispensing device from which gasoline or gasoline-oxygenate blends containing a lead substitute is dispensed shall display the following legend: "Contains Lead Substitute." The lettering of this legend shall not be less than 12.7 mm (1/2 in) in height and the color of the lettering shall be in definite contrast to the background color to which it is applied.

**3.2.5. Prohibition of Terms.** – It is prohibited to use specific terms to describe a grade of gasoline or gasoline-oxygenate blend unless it meets the minimum antiknock index requirement shown in Table 1. Minimum Antiknock Index Requirements.



| <b>Table 1.<br/>Minimum Antiknock Index Requirements</b> |   |                                   |
|--|---|-----------------------------------|
| <b>Term</b>  | <b>Minimum Antiknock Index</b>                      |                                   |
|  | <b>ASTM D4814 Altitude Reduction Areas IV and V</b> | <b>All Other ASTM D4814 Areas</b> |
| Premium, Super, Supreme, High Test                       | 90  | 91                                |
| Midgrade, Plus   | 87  | 89                                |
| Regular, Unleaded (alone)                                | 85  | 87                                |
| Economy  | --  | 86                                |

(Table 1. Amended 1997 and 2018)

**3.2.4. Method of Retail Sale.** – Type of Oxygenate must be disclosed. All automotive gasoline or automotive gasoline-oxygenate blends, or racing gasoline kept, offered, or exposed for sale, or sold at retail containing more than one volume percent oxygenate shall be identified as “with” or “containing” (or similar wording) the predominant oxygenate in the engine fuel. For example, the label may read “contains ethanol” or “with methyl tertiary-butyl ether (MTBE).” The oxygenate contributing the largest mass percent oxygen to the blend shall be considered the predominant oxygenate. Where mixtures of only ethers are present, the retailer may post the predominant oxygenate followed by the phrase “or other ethers” or alternatively post the phrase “contains MTBE or other ethers.” In addition, gasoline-methanol blends containing more than 0.3% by volume methanol shall be identified as “with” or “containing” methanol. This information shall be posted on the upper 50% of the dispenser front panel in a position clear and conspicuous from the driver’s position in a type at least 12.7 mm (1 /2 in) in height, 1.5 mm (1 /16 in) stroke (width of type). (Amended 1996 and 2018)

**3.2.6. EPA Labeling Requirements.** – Retailers and wholesale purchaser-consumers of gasoline shall comply with the EPA pump labeling requirements for gasoline containing greater than 10 volume percent (v%) up to 15 volume percent (v%) ethanol (E15) under 40 CFR 1090.1510. (For additional information, refer to Section 3.8.2. FTC Labeling Requirements.) (Added 2012) (Amended 2018 and 2022)

**EPA Labeling Requirements for E15**

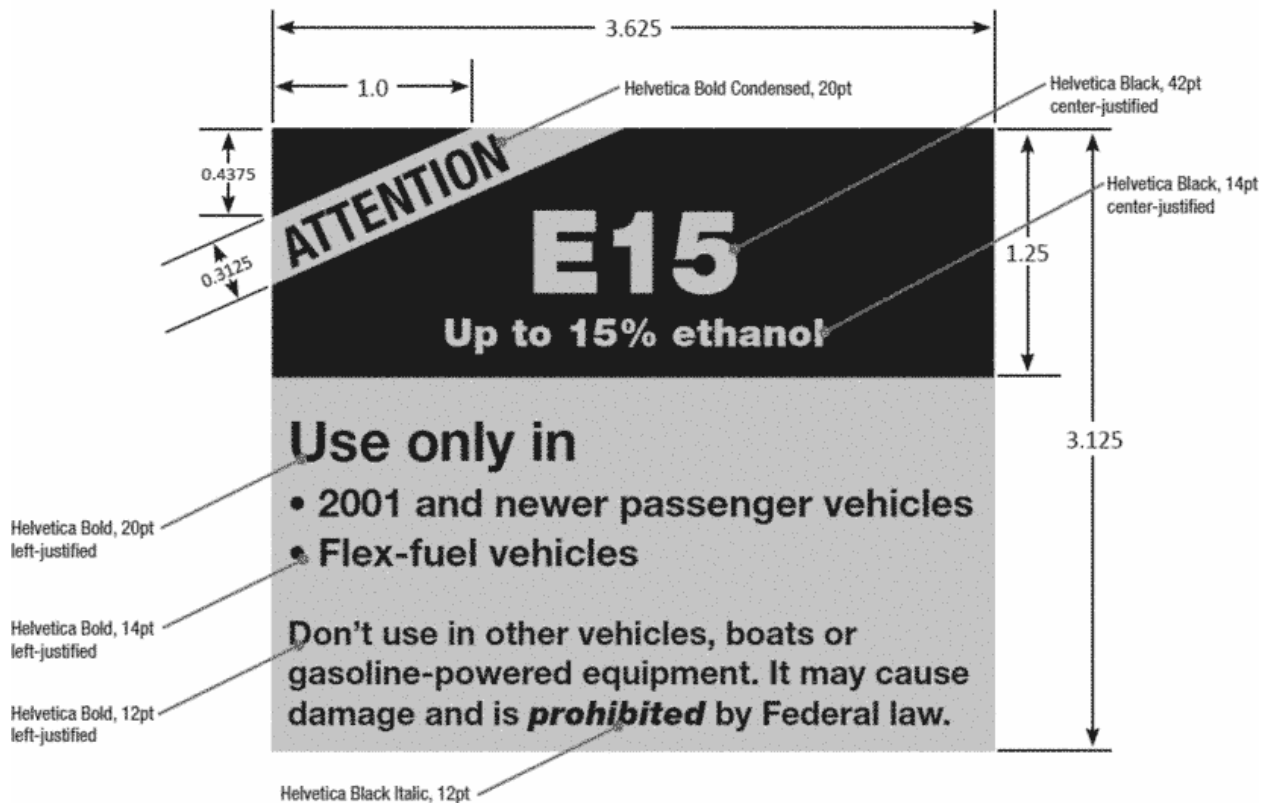
**§ 1090.1510 E15 labeling provisions.**

Any retailer or WPC dispensing E15 must apply a label to the fuel dispenser as follows:

(a) Position the label to clearly identify which control the consumer will use to select E15. If the dispenser is set up to dispense E15 without the consumer taking action to select the fuel, position the label on a vertical surface in a prominent place, approximately at eye level.

(b) Figure 1 of this paragraph shows the required content and formatting. Use black letters on an orange background for the lower portion and the diagonal “Attention” field and use orange letters on a black background for the rest of the upper portion. Font size is shown in Figure 1. Set vertical position and line spacing as appropriate for each field. Dimensions are nominal values.

**Figure 1 to paragraph (b)—E15 Label**



**3.8. Ethanol Flex Fuel. 3.8.1. How to Identify Ethanol Flex Fuel.** – Ethanol flex fuel shall be identified as Ethanol Flex Fuel or EXX Flex Fuel.

**3.8.2. FTC Labeling Requirements.** – Ethanol flex fuel shall be identified and labeled in accordance with the Federal Trade Commission, Automotive Fuel Ratings, Certification and Posting, 16 CFR 306, as amended. (For additional information, see to Section 3.2.6. EPA Labeling Requirements.) (Amended 2007, 2008, 2014, and 2018)

**16 CFR 306.12 (a) (4)**

**(4) For ethanol flex fuels.**

(i) The label is 3 inches (7.62 cm) wide x 2 1/2 inches (6.35 cm) long. “Helvetica Black” or equivalent type is used throughout. The band at the top of the label contains one of the following:

(A) **For all ethanol flex** fuels. The numerical value representing the volume percentage of ethanol in the fuel followed by the percentage sign and then by the term “ETHANOL”; or

(B) **For ethanol flex fuels containing more than 10 percent and no greater than 50 percent ethanol by volume.** The numerical value representing the volume percentage of ethanol in the fuel, rounded to the nearest multiple of 10, followed by the percentage sign and then the term “ETHANOL”; or

(C) **For ethanol flex fuels containing more than 50 percent and no greater than 83 percent ethanol by volume.** The numerical value representing the volume percentage of ethanol in the fuel, rounded to the nearest multiple of 10, followed by the percentage sign and then the term “ETHANOL” or the phrase, “51%-83% ETHANOL.”

(ii) The band should measure 1 inch (2.54 cm) deep. The type in the band is centered both horizontally and vertically. The percentage disclosure and the word "ETHANOL" are in 24 point font. In the case of labels including the phrase, "51%-83% ETHANOL," the percentage disclosure is in 18 point font, and the word "ETHANOL" is in 24 point font and at least 1/8 inch (.32 cm) below the percentage disclosure. The type below the black band is centered vertically and horizontally. The first line is the text: "USE ONLY IN." It is in 16 point font, except for the word "ONLY," which is in 26 point font. The word "ONLY" is underlined with a 2 point (or thicker) underline. The second line is in 16 point font, at least 1/8 inch (.32 cm) below the first line, and is the text: "FLEX-FUEL VEHICLES." The third line is in 10 point font, at least 1/8 inch (.32 cm) below the first line, and is the text "MAY HARM OTHER ENGINES."

