




Race Gas Labeling and Sales

Last Revision: January 23, 2019

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Background

What are the specification and labeling requirements for race gas?

-  [ATCP 94.200](#) (adopts ASTM D-4814-04b1)
-  [ATCP 94.210\(1\)\(b\)](#) Minimum requirements for gasoline
-  [ATCP 94.210\(1\)\(c\)](#) Automotive gasoline

Specification requirements for race gas

All racing gasoline sold or offered for sale in Wisconsin must meet these required specifications:

- ASTM D4814 specifications or the distillation specifications listed in Table 94.210, Wisconsin Administrative Code § ATCP 94.210(1)(b)
- Must be visually free of undissolved water, sediment, and suspended matter, and be clear and bright at the ambient temperature or 70°F (21°C), whichever is higher per Wis. Admin. Code § ATCP 94.210(1)(a)
- May contain lead per ASTM D4814, and MTBE per Wis. Admin. Code § 94.210(1)(g)2

Dispenser labeling requirements

- Dispenser must be labeled: “Racing gasoline. For racing events only. Does not meet automotive gasoline specifications.” If any of the following apply to the race gas being sold:
 - It does not meet ASTM D4814 distillation specifications
 - It contains more than .5% MTBE
 - It contains more than .05 grams of lead per gallon
- Octane rating must be posted on the dispenser. All devices dispensing racing gas at motor fuel dispensing facilities, garages, or other places where liquid fuel products are sold or offered for sale must be marked with a conspicuous label visible on both faces of the dispensing device indicating the automotive fuel rating of the fuel product per Wis. Admin. Code § ATCP 94.300(1)(a).
- Oxygenate must be posted on the dispenser. Dispensing devices must be labeled with the identity of the oxygenate, such as “Ethanol”, “Methyl Tertiary Butyl Ether (MTBE)”, “Ethyl Tertiary Butyl Ether (ETBE)”, “Tertiary Amyl Methyl Ether (TAME)”, “Tertiary Butyl Alcohol (TBA)”, or as an other oxygenate name approved by the department per Wis. Admin. Code § ATCP 94.300(1)(b)5.
- Ethanol content must be posted on the dispenser. If the fuel contains more than 2% by volume of ethanol, the dispenser must be labeled with the maximum volume percent of ethanol at all times the product is offered for retail sale per Wis. Admin. Code § ATCP 94.300(1)(b).

Identifying documentation required at delivery

- Any person receiving, unloading, using, offering for sale, or selling racing gas must identify the product as to name or grade per Wis. Admin. Code § ATCP 94.300(3)(a)
- Delivery of the fuel to a retail outlet must include a certification of the automotive fuel rating, either by letter, or on the delivery ticket or other paper, as required by 16 CFR § 306.10(g) per Wis. Admin. Code § ATCP 94.300(3)(a)

Petition for variance

If a race gas does not meet the required ASTM D4814 or Wis. Admin. Code § ATCP 94.210 fuel specifications, prior to sale in Wisconsin, a petition of variance must be submitted to DATCP for consideration. All submissions must include the manufacturer's specifications for the fuel. Those specifications must match testing results obtained from the Wisconsin Weights and Measures Laboratory.

See our fuel quality webpage for existing variances for race gas:

https://datcp.wi.gov/Pages/Programs_Services/FuelQuality.aspx

Petition for Variance form TR-WM-129 is available on our website:

<https://datcp.wi.gov/Documents/TR-WM-129.docx>

Effective Date: January 27, 2016