

Greenhouse Gas Reporting Program



State of Oregon
Department of
Environmental
Quality

Fuel Distributor Reporting: Summer or Winter Gasoline?

Fuel distributors must indicate the type of gasoline imported and choose between “summer” and “winter” gasoline types when reporting to Oregon DEQ’s Greenhouse Gas Reporting Program.

The difference between summer and winter gasoline is determined by the Reid vapor pressure. RVP is the principle measure of gasoline volatility. The lower the number, the less volatile the fuel.

Federal EPA regulations limit the RVP of gasoline during the summer to a maximum of 9 psi. A 1 psi waiver is allowed for all gasoline when it is blended with 10% fuel ethanol.

In addition, federally designated ozone maintenance and non-attainment areas must adhere to a more stringent RVP limit of 7.8 psi during the summer. In general, gasoline sold in the Portland and Salem metropolitan areas is subject to the 7.8 psi limit.

Table 1. Summer Gasoline Federally Regulated Reid Vapor Pressures for Oregon by Area

Area	RVP for 10% ethanol blend	RVP for all other gasolines
Ozone Maintenance areas (Salem-Keizer area & Portland area)	8.8	7.8
All other areas of Oregon	10	9

Summer fuel coincides with the period during which the federal EPA volatility limits are in effect nationwide:

- May 1 to September 15 for all regulated parties besides retailers and wholesale purchaser-consumers.
- June 1 to September 15 for retailers and wholesale purchaser-consumers.
- **For ease of reporting**, fuel distributors may use October 1 rather than September 15 for the end date of fuel reported as summer fuel.

Reporting Guidelines

1. Fuel reporters should always strive to report summer or winter gasoline based on the fuel specifications received at the time of purchase. Bills of lading accompanying gasoline deliveries often certify the gasoline delivered as compliant with Federal EPA volatility limits during the summer when these limits are in effect.
2. If records containing this information are not available, fuel reporters may differentiate summer and winter fuel based on the delivery dates. **Report fuel imported May 1 through October 1 as summer fuel. Report fuel imported at all other times of the year as winter fuel.**
3. If neither of the above options are viable, then the fuel distributor should report using the ‘gasoline formulation unknown’ fuel type.

Alternative formats

Documents can be provided upon request in an alternate format for individuals with disabilities or in a language other than English. To request a document in another format or language, call DEQ in Portland at 503-229-5696, or toll-free in Oregon at 1-800-452-4011, ext. 5696; or email deqinfo@deq.state.or.us.

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