

# BIODIESEL FACTS

PORTLAND  
RANKED #1 AS  
THE GREENEST  
CITY



## Portland, OR City Council Approves Biodiesel, Ethanol Mandate

Oregon's largest City to require 5% Biodiesel, 10% Ethanol in vehicle fuels. Portland, OR—The Portland City Council unanimously approved an

ordinance brought forward by Commissioner Randy Leonard which will require all diesel fuel sold in the city to contain a minimum blend of 5% biodiesel, and all gasoline sold in the city to contain a minimum blend of 10% ethanol.



*It's not easy being green.*

The new requirements take effect July 1, 2007. "This initiative sets the stage for significant investment in our region, creating jobs and putting Oregon in a position to become a national leader in the alternative fuels industry," said Commissioner Leonard, "This important first step will also reduce our dependence on oil and lower greenhouse gas emissions from automobiles."

The City Council also directed that an implementation team be created consisting of participants from the fuel industry, biodiesel industry, environmental groups, and Oregon grain growers. The implementation team will report to the City Council in 120 days with recommendations.

Published at [www.biodiesels4oregon.org](http://www.biodiesels4oregon.org)

As of August 15, 2007 all diesel pumps within Portland city limits will be dispensing 5% biodiesel (B5).

Published at [www.pdxbiodiesel.org](http://www.pdxbiodiesel.org)



## WHAT IS BIODIESEL?

Biodiesel is a renewable fuel produced from oilseed crops or used cooking oils and unwanted animal fats. Biodiesel has significantly lower tailpipe emissions and addresses the urgent need to reduce emissions of carcinogenic diesel particulates. In addition, biodiesel's lifecycle emissions of heat-trapping carbon dioxide are 78 percent lower than petroleum diesel's. Biodiesel can be blended at any level with petroleum diesel. It can be used as a full replacement for petroleum diesel (B100), but is most commonly found mixed at a ratio of 20 percent biodiesel to 80 percent petroleum diesel (B20). At very low blends of 1 to 2 percent, it adds needed lubrication to ultra-low sulfur diesel. Diesel engine manufacturers have approved the use of up to 5 percent biodiesel with no reservations about engine warranties. Many fleets use B20, and a number of others burn B100 with only minor modifications to the engine and fueling system.