

Purchasing renewable diesel: Update for agencies

Washington State Department of Enterprise Services (DES) State Contract #08721 - Fuels: Gasoline, Diesel, and Renewables

This contract is for the ongoing replenishment of the state's network of gasoline, heating oil, diesel (including biodiesel), and other fuels. Deliveries may be bulk fuel orders or keep full/will-call with contractors from each designated region.

What is R99?

R99 is a renewable diesel fuel made from non-petroleum renewable sources, including vegetable oils and animal fats. It is processed to be chemically identical to conventional diesel and can be used as a drop-in replacement in existing engines and infrastructure. R99 is at least 99% biofuel and meets the federal registration requirements for fuels and fuel additives and the [ASTM D975-21 Standard Specification for Diesel Fuel](#).

The Energy Policy Act of 1992 (EPAct) definition of R99 in [10 CFR section 490.702](#): The renewable diesel must be produced from nonpetroleum renewable sources and registered with the U.S. Environmental Protection Agency under section 211 of the Clean Air Act.

How is R99 used?

R99 can be used interchangeably with conventional diesel as a drop-in replacement. It recently became available for wholesale purchase.

Are there any challenges with the use of R99?

R99's primary challenge is availability. It does not have the same challenges as biodiesel, including cold weather gelling, microbial growth, and fuel storage tank certification that limits B100 use.

Is there a statewide contract to purchase this fuel type?

Agencies can purchase R99 using [statewide contract #08721](#). APP, Petrocard and Coleman Oil provide R99 under statewide contract. The provider varies depending on state fuel region. WSDOT has already begun purchasing R99. Starting this summer, all WSDOT pump stations will carry R99.

Both Coleman Oil and Petro Card confirmed that their renewable diesel meets the EPAct definition.

Resources: DES Statewide Contract 08721