

Renewable Hydrocarbon Diesel

Reduce emissions without sacrificing performance.

REG Renewable Hydrocarbon Diesel (RHD) is an advanced biofuel that reduces greenhouse emissions while meeting the same ASTM-D975 specification as petroleum diesel. It can be added to the existing pipeline system, making it easy to incorporate into the diesel stream.



Fuel Specifications

- ▶ RHD is 100 percent hydrocarbon — like petroleum diesel.
- ▶ RHD can be blended with biodiesel and petroleum diesel.
- ▶ Blends can be used in any diesel engine without modifications.
- ▶ RHD aids self-ignition of fuel and allows for easier starting, smoother running engines and reliable operation because of increased cetane.



Fuel Benefits

- ▶ RHD is included in the Energy Policy Act of 1992 (EPAct) standards to meet a portion of the annual alternative fuel vehicle acquisition requirements.
- ▶ It has been tested by the EPA and passes their Clean Air Health Effects testing requirements.
- ▶ RHD qualifies for various state biofuel tax incentives.



Analysis of REG Renewable Hydrocarbon Diesel (RHD)

Property	REG-9000 Limit	D975 ULSD Limit	Units
Cloud Point	Report	Report	°C
Water & Sediment	0.05	0.05	% volume
Conductivity	25, min	25, min	pS/m
Flash Point	52, min	52, min	°C
Ramsbottom Carbon	0.35	0.35	% mass
Ash	0.01	0.01	% mass
Kinematic Viscosity (40 °C)	1.9 – 4.1	1.9 – 4.1	mm ² /sec
Distillation Temperature at 90%	282 – 338	282 – 338	°C
Copper Corrosion	No. 1	No. 3	N/A
Sulfur	5	15	ppm
Aromaticity	2	35	% volume
Cetane Number	65, min	40, min	N/A