



Greenergy Biodiesel

Greenergy offers high percentage biodiesel blends for your business at competitive prices

What is biodiesel?¹

Biodiesel is a diesel fuel substitute that can be made from various renewable materials and used to fuel numerous on-road and off-road diesel engines, including:

- » Fleet vehicles
- » Heavy-duty trucks
- » Transit and city buses
- » Agricultural and forestry equipment
- » Mining and construction equipment

Why choose biodiesel?

- » Higher biodiesel blends are cost-effective and offer clear environmental benefits. Compared to diesel, biodiesel can reduce greenhouse gas emissions.
- » Biodiesel blends are a sustainable lower carbon fuel option for existing and new diesel vehicles without requiring any engine modifications.
- » The federal and provincial governments are encouraging the use of biodiesel through regulatory mandates.
- » The diesel fuel market is seeing a shift in increased demand for higher biodiesel blends.

Quality fuel

- » All Greenergy fuels go through effective quality processes and procedures. Fuel is tested by independent third-party labs to confirm its quality standards.
- » We ensure our biodiesel meets CGSB standards and passes the Cold Soak Filter Blocking Tendency (CSFVT) test which is unique to the Canadian market.
- » As Europe's largest producer of waste-based biodiesel, and operator of three plants in the UK and the Netherlands, Greenergy has significant in-house knowledge and expertise in the manufacturing and supply of biodiesel.

What you need to know

- » Currently, Ontario government regulations mandate a 4% yearly average GHG emissions reduction through biodiesel blending.
- » The Federal Government has introduced increasing requirements for biofuels to be blended into road fuels to reduce carbon emissions, which has led to an increase in biodiesel demand.
- » Higher percentage biodiesel blends can range from B6 to B20, meaning the diesel can contain an average 6 to 20% biodiesel and the balance diesel.
- » Under the Federal Greenhouse Gas Pollution Pricing Act, there are financial benefits to blending biodiesel as it is not subject to the Federal Carbon Tax.

| Federal Diesel Fuel Charge Rate for Ontario | | \$0.1738/litre |
|---|-----------------------|----------------|
| Blend | Pure Biodiesel (B100) | Diesel |
| B6 | 6% | 94% |
| B10 | 10% | 90% |
| B20 | 20% | 80% |

Higher biodiesel blends are available upon request, contact us for more information

Switch to biodiesel now and save

Effective April 1st, 2023, the Government of Canada has increased the Federal Fuel Charge Rate for all provinces under the Greenhouse Gas Pollution Pricing Act. As Ontario is a listed province, the new Federal Fuel Charge Rate will increase to \$0.1738 per litre for light fuel oil (diesel).

Switching to a B20 diesel blend, could save you almost \$1,600 on your next full, 50,000 litres load (3.2 CPL), and also reduce your carbon emissions by 17.1%.

¹ Visit to learn more: www.nrcan.ca/energy/alternative-fuels

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Government regulations at a glance

The Canadian Government are implementing new standards and regulations to increase the requirement of biodiesel blended into road fuels to reduce carbon emissions and

decarbonize transport. The average biodiesel content is expected to increase from a federal and provincial level over the coming years to meet its Net-Zero targets.

| Jurisdiction | Ethanol Blending | Biodiesel Blending | Active CO2 Targets |
|------------------|---|--|--|
| Federal | 5% (The Clean Fuel Standard (CFS) came into effect Dec 2022 - min blend requirement is maintained in addition to annual Carbon Intensity (CI) reduction) | 2% (CFS came into effect Dec 2022 - min blend requirement is maintained in addition to annual CI reduction) | The CFS for liquid fuels will reduce GHG emissions by more than 20 million tonnes by 2030 |
| Ontario | 10% Scheduled increases to: 11% in 2025 13% in 2028 15% in 2030 | 4% | Reduce emissions from 1990 levels by: 37% in 2030 80% in 2050 |
| Quebec | 10% January 2023 (Incremental increase to 15% by 2030) | 3% January 2023 (Incremental increase to 10% by 2030) | Reduce GHG emissions by 37.5% from 1990 levels by 2030. Reach carbon neutrality by 2050 |
| British Columbia | 5% | 4% | Reduce GHG emissions from 2007 levels: 16% by 2025 40% by 2030 60% by 2040 80% by 2050 |
| Alberta | 5% | 2% | Reduce emissions by 30 million tonnes by 2030 (11% reduction from 2021 levels) |

Before making the switch we recommend:

- » Reviewing your vehicle warranty positions from vehicle Original Equipment Manufacturers (OEMs) to confirm your engines are certified for higher % biodiesel blends.
- » Contact your filtration provider to make sure you are getting the most suited filters and following recommended filter practice for higher biodiesel blends.
- » Cleaning your bulk diesel storage tanks prior to conversion, noting that ongoing regular inspection is required as per standard practice.

Contact us today

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