**What is biodiesel?**

Biodiesel is an advanced biofuel that reduces engine emissions for healthier air and a better environment. Fleets have easily and economically reduced their carbon footprint by replacing petroleum-based diesel with cleaner-burning biodiesel for over 30 years.

Communities benefit when transportation, construction, municipal and other fleets fuel with biodiesel.

**Key benefits of biodiesel**

- **Lower emissions compared to petroleum diesel***
  - 74% ↓ greenhouse gases
  - 67% ↓ hydrocarbons

- **Made from renewable sources**
  - Soybean oil
  - Recycled cooking oil
  - Other fats and oils

- **Safer to handle**
  - Non-toxic
  - Biodegradable
  - Higher flashpoint than petroleum diesel

- **B20 is a drop-in replacement**
  - Approved by major manufacturers
  - No engine modifications required
  - No additional infrastructure needed

- **Better engine performance**
  - Improved lubricity for less engine wear
  - Higher cetane for smoother operation
  - Less soot production for reduced wear on diesel particulate filters
  - All-weather fuel

- **Supports the U.S. economy****
  - 1.8 billion gallons produced annually
  - 65,000 jobs
  - $17 billion in economic opportunity

**Biodiesel blends explained**

Biodiesel is typically blended with petroleum diesel for fueling vehicles and other equipment. B20 is a biodiesel blend widely adopted by fleets throughout the U.S. Fuel system modifications allow vehicles to use B100 in cold weather for even greater emission reductions.

*Source: U.S. Department of Energy Alternative Fuels Data Center
**Source: Capital Policy Analytics