# Propane school buses by the numbers

- On average, propane autogas costs 40 to 50 percent less than diesel.
- According to Blue Bird, on average, districts can expect to save $2,000 to $2,500 per bus per year on maintenance costs with propane.
- Engines powered by propane autogas require less oil per oil change than diesel (7 quarts vs. 17-30 quarts) and no additional diesel emissions fluids or hardware.
- Filter packages cost about 60 percent less on propane autogas vehicles than diesel vehicles.
- Buses fueled by propane autogas have an initial purchase price averaging 10 percent more than a comparable diesel-fueled bus, but school districts experience a short return on investment for the incremental cost due to reduced fuel and maintenance costs.
- Even with 70 percent reduction in oil costs since 2014, propane autogas adoptions are still growing, particularly in the school bus industry.
- Buses fueled by propane autogas reduce noise levels by about half compared to a diesel engine, allowing drivers to better hear students while the bus is in motion resulting in increased safety for students and drivers alike.
- Vehicles fueled by propane autogas emit 80 percent fewer smog-producting hydrocarbons and virtually eliminate particulate matter when compared to diesel.
- A child riding a diesel-fueled school bus may be exposed to 23 to 46 times the cancer risk than those who don't.

***Source: ROUSCH CleanTech***