

# Fuel Quality Checklist for Fleet Operators

Are you losing money on fuel without realizing it? Use this checklist to identify whether fuel quality may be affecting your operation.

## Unexplained Drops in Fuel Efficiency

- Decrease in MPG across vehicles
- Inconsistent fuel usage on similar routes
- No clear operational cause



### Why it matters:

Even small efficiency losses can significantly increase annual fuel costs.

## Increased Maintenance or Injector Issues

- More frequent injector service
- Increased carbon buildup
- Shorter maintenance intervals



### Why it matters:

Fuel inconsistencies can accelerate engine wear.

## Performance Variability Between Vehicles

- Trucks performing differently
- Inconsistent power or response
- Issues appear randomly



### Why it matters:

Inconsistent fuel can affect fleet-wide performance.

**A 2–3% drop in fuel efficiency can cost thousands per truck annually.**

## Differences Between Fuel Suppliers or Deliveries

- Performance changes after refueling
- Issues tied to specific deliveries
- No verification beyond supplier specs



### Why it matters:

Fuel quality can vary between suppliers and batches.

## Occasional Unplanned Downtime

- Unexpected engine issues
- Intermittent problems
- No clear mechanical cause



### Why it matters:

Fuel-related issues are often misdiagnosed.

## Your Results

### 0-1 checks:

Fuel quality likely not a major factor

### 2-3 checks:

May be contributing to increased costs

### 4-5 checks:

Fuel quality likely impacting your operation

## Next Step: Verify, Don't Assume

If any of these signs are familiar, the next step is to confirm whether fuel quality is a contributing factor.

Many fleet operators are incorporating on-site fuel verification to identify issues before they impact performance and cost. Portable solutions, such as Zeltex fuel analyzers, allow for fast, on-site fuel testing without waiting for lab results.

