

# OLYMPICSTEEL

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## Reducing Fuel Consumption

As part of our ongoing commitment to reducing environmental impacts from our business operations, Olympic Steel has instituted the following objectives to reduce fuel consumption.

1. Idle time
  - a. Reduced idle time while loading or unloading trucks. This includes notifying suppliers and customers of approximate arrival time for loading or unloading of product.
2. Fueling
  - a. Fuel locally (origin domicile) before their daily run or along their drive route to avoid unnecessary drive miles to find fuel.
3. Equipment
  - a. Maintenance
    - i. All maintenance for both tractors and trailers are done on the recommended manufacturer schedule to ensure optimum fuel efficiency of all components.
    - ii. All major repairs are done immediately and all minor repairs are done within a 10-day window.
    - iii. Daily pre-trip equipment inspection done on all major truck and trailer components to identify any mechanical issues that would prevent optimum efficiency.
  - b. Appropriate Equipment
    - i. Use appropriate sized equipment for the load to minimize fuel consumption.
    - ii. Use of the following types:
      1. Pickup trucks – loads under 9,500 lbs.
      2. Straight trucks (21-24') – loads under 26,000 lbs.
      3. Class 8 semis – loads 26,000 lbs. and over
  - c. Lighter weight tractors and trailers
    - i. Continued use of class 8-day cab tractors only, which are lighter than tractors with sleepers.
    - ii. Convert our semi-trailers from steel to aluminum trailers for a weight reduction of approximately 2000 lbs. per trailer.
  - d. Speed limiters on all Class 8 semi tractors (65mph)
  - e. Tires
    - i. Proper tire inflation – tire inflation checked at the start of each day as part of a pre-trip inspection process.
    - ii. Continued use of our tire program to replace any worn tires that may leak and become underinflated.
4. Driver Training
  - a. New drivers are required to attend OSI training course that includes improving fuel economy.
    - i. Explaining the impact of excessive idling.

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- ii. Training on progressive shift techniques (upshift at the lowest rpm possible).
  - iii. Limiting unnecessary shifting.
  - iv. Braking and accelerating smoothly.
  - v. Driving at the lowest engine speed possible.
5. Scheduling
- a. Schedule daily trips to ensure the maximum utilization of the vehicle and reduce miles between stops
  - b. Backhauls - Reduce the total number of miles and trips needed to deliver product to Olympic Steel facilities when trucks are returning to the facility after delivering product

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