

Fleet Savings

After All-Wheel Alignment



Current Truck Performance

Average Miles per Truck per Year	100,000
Average MPG	6

Truck Fuel Cost

Diesel Price per Gallon	\$5.25
Cost per truck per Year	\$87,500.00
Percentage of Fuel Savings - After Alignment	0.02

Annual Fuel Savings per Truck - After Alignment \$1,750.00

Steer Tire Costs

Average Price per Tire	\$500.00
Current Average Steer Tire Life (Miles)	75000
Current Average Cost of Steer Tires (based on miles/year)	\$1,333.33
Percentage of Extended Tire Life - After Alignment (25-30% is Avg)	0.25

Average Steer Tire Savings per Truck - After Alignment \$333.33

Drive Tire Costs (8 Drive Tires per Tractor)

Average Price per Tire	\$550.00
Current Average Drive Tire Life (Miles)	100000
Current Annual Cost of Drive Tires (based on miles/year)	\$4,400.00
Percentage of Extended Tire Life - After Alignment (25-30% is Avg)	0.25

Annual Drive Tire Savings per Truck - After Alignment \$1,100.00

Trailer Tire Costs (8 Trailer Tires per Trailer)

Average Price per Tire	\$450.00
Current Average Trailer Tire Life (Miles)	100000
Current Annual Cost of Trailer Tires (based on miles/year)	\$3,600.00
Percentage of Extended Tire Life - After Alignment (25-30% Avg)	0.25

Annual Trailer Tire Savings per Truck - After Alignment \$900.00

Savings

Annual Savings per Tractor in Fuel and Tire Costs	\$3,183.33
Annual Savings per Tractor and Trailer in Fuel and Tire Costs	\$4,083.33
Number of Tractors in Fleet	1
Number of Trailers in Fleet	1

Total Annual Fleet Savings \$4,083.33

A scheduled alignment program will produce an average 2 percent increase in fuel economy.: The Technology and Maintenance Council - RP 642- 5.6 Study Group Technical Presentation 1/2000.

A scheduled alignment program will produce an average 30 percent increase in tire mileage.: The Technology and Maintenance Council - RP 642- 5.6 Study Group Technical Presentation 1/2000.