

US TREATMENT COST STUDY

SWEPCO 501 Premium Diesel Fuel Improver

The following tables reflect the cost savings impact of treatment of diesel fuel with SWEPCO 501 Premium Diesel Fuel Improver at the recommended treat rate of 1:1000 based on user reports of 4% to 13.5% improvement in fuel mileage.

Chart 1 shows the fuel cost savings that can be achieved per gallon of fuel at specific fuel cost levels and mileage improvement levels. Choose the column closest to your fuel cost and the row that reflects your mileage improvement experience. Where the rows intersect indicates the fuel savings per gallon.

SAVINGS PER GALLON OF FUEL PURCHASED						
Improvement In Fuel Mileage	Cost of Diesel Fuel					
	\$3.25	\$3.50	\$3.75	\$4.00	\$4.25	\$4.50
4.00%	\$0.130	\$0.140	\$0.150	\$0.160	\$0.170	\$0.180
5.00%	\$0.163	\$0.175	\$0.188	\$0.200	\$0.213	\$0.225
6.00%	\$0.195	\$0.210	\$0.225	\$0.240	\$0.255	\$0.270
7.00%	\$0.228	\$0.245	\$0.263	\$0.280	\$0.298	\$0.315
8.00%	\$0.260	\$0.280	\$0.300	\$0.320	\$0.340	\$0.360
9.00%	\$0.293	\$0.315	\$0.338	\$0.360	\$0.383	\$0.405
10.00%	\$0.325	\$0.350	\$0.375	\$0.400	\$0.425	\$0.450
11.00%	\$0.358	\$0.385	\$0.413	\$0.440	\$0.468	\$0.495
12.00%	\$0.390	\$0.420	\$0.450	\$0.480	\$0.510	\$0.540
13.50%	\$0.439	\$0.473	\$0.506	\$0.540	\$0.574	\$0.608

Chart 2 shows the total cost savings that can be obtained by using one case of SWEPCO 501 in quarts to treat 2,000 gallons of fuel at various fuel prices and mileage improvement. Choose the column closest to your fuel cost and the row that reflects your mileage improvement experience. Where the rows intersect indicates the fuel savings per case used. Subtract the cost of a case of SWEPCO 501 in quarts to determine net savings.

PROJECTED FUEL COST SAVINGS PER QUART CASE OF SWEPCO 501						
Improvement In Fuel Mileage	Cost of Diesel Fuel					
	\$3.25	\$3.50	\$3.75	\$4.00	\$4.25	\$4.50
4.00%	\$260	\$280	\$300	\$320	\$340	\$360
5.00%	\$325	\$350	\$375	\$400	\$425	\$450
6.00%	\$390	\$420	\$450	\$480	\$510	\$540
7.00%	\$455	\$490	\$525	\$560	\$595	\$630
8.00%	\$520	\$560	\$600	\$640	\$680	\$720
9.00%	\$585	\$630	\$675	\$720	\$765	\$810
10.00%	\$650	\$700	\$750	\$800	\$850	\$900
11.00%	\$715	\$770	\$825	\$880	\$935	\$990
12.00%	\$780	\$840	\$900	\$960	\$1,020	\$1,080
13.50%	\$878	\$945	\$1,013	\$1,080	\$1,148	\$1,215

Chart 3 shows the total cost savings that can be obtained by using one pail of SWEPCO 501 to treat 6,000 gallons of fuel at various fuel prices and mileage improvement. Choose the column closest to your fuel cost and the row that reflects your mileage improvement experience. Where the rows intersect indicates the fuel savings per pail used. Subtract the cost of a pail of SWEPCO 501 to determine net savings.

PROJECTED FUEL COST SAVINGS PER 6-GALLON PAIL OF SWEPCO 501						
Improvement In Fuel Mileage	Cost of Diesel Fuel					
	\$3.25	\$3.50	\$3.75	\$4.00	\$4.25	\$4.50
4.00%	\$780	\$840	\$900	\$960	\$1,020	\$1,080
5.00%	\$975	\$1,050	\$1,125	\$1,200	\$1,275	\$1,350
6.00%	\$1,170	\$1,260	\$1,350	\$1,440	\$1,530	\$1,620
7.00%	\$1,365	\$1,470	\$1,575	\$1,680	\$1,785	\$1,890
8.00%	\$1,560	\$1,680	\$1,800	\$1,920	\$2,040	\$2,160
9.00%	\$1,755	\$1,890	\$2,025	\$2,160	\$2,295	\$2,430
10.00%	\$1,950	\$2,100	\$2,250	\$2,400	\$2,550	\$2,700
11.00%	\$2,145	\$2,310	\$2,475	\$2,640	\$2,805	\$2,970
12.00%	\$2,340	\$2,520	\$2,700	\$2,880	\$3,060	\$3,240
13.50%	\$2,633	\$2,835	\$3,038	\$3,240	\$3,443	\$3,645

Conclusions

In most cases, even at modest mileage improvement and lowest costs for contract fuel, direct savings in fuel costs offsets the cost of SWEPCO 501 Premium Diesel Fuel Improver. Factor in the additional savings in injector life, reduced fuel system repairs and improved productivity and reliability and SWEPCO 501 Premium Diesel Fuel Improver shows its true value.

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