

CASE STUDY

LUBSOIL® SYNTHETIC CJ-4 5W40

APPLICATION

Heavy-duty diesel engine oil designed for Class 8 tractor/trailers, emergency service vehicles, heavy duty diesel pickups, school bus fleets, aggregate plant equipment, oilfield equipment and diesel engine generators.

CHALLENGES AND ACTIONS TAKEN

Class 8 trucks typically consume 20,000 gallons of fuel per year with 120,000-mile logistics. At the present \$2.00/gallon fuel prices, that equals an annual fuel cost of \$40,000 per truck. Having a small increase of 6.5 to 6.6 mpg would result in a 1.5 percent fuel economy improvement. At these consumption rates and cost factors, what appears to be a relatively small variation in fuel economy actually has a significant impact on fuel costs. Average fuel savings of 5W-40 vs. 15W-40 results in a 1.8 percent improvement.

Why does one to two percent in fuel savings per year matter? America burns 60 billion gallons of diesel fuel per year. One percent savings would save 600,000 million gallons of fuel each year, and two percent savings would save 1.2 billion gallons per year.

TULCO OILS LUBSOIL® SOLUTION

Lubsoil® Synthetic CJ-4 5W40 as replacement to 15w40 and 10w30 engine oils.

RESULTS

Lubsoil® Synthetic CJ-4 5W40 will provide savings through longer drain intervals and improvement in fuel efficiency. Advantages related to startup include improved wear protection, decreased use of block heaters, electrical energy savings and longer starter and battery life. Additionally, enhanced level of soot control, high thermal stability and exceptional wear protection will result in less downtime and overall savings.

