

# Liquid Engineering vs. Mechanical Engineering

## “Liquid Engineering” ...Priceless

Mechanical engineering is a familiar concept to everyone, however, Liquid engineering may be a more foreign idea. Which poses the question; what exactly is the difference between Mechanical and Liquid engineering?

Mechanical engineering involves the replacement or repair of engines and engine parts that have worn out. In recent years there has been a push to completely replace older engines to meet stricter emissions guidelines due to the Clean Air Act. However, studies have shown that new engines, being produced today, have a decreased life expectancy compared to the engines produced in years past. Therefore, many companies are spending thousands of dollars per machine to replace perfectly good engines with newer engines which will need more maintenance down the road.

Liquid engineering involves the addition of fuel or oil catalysts to engines. Studies have shown that the addition of these catalysts will reduce emissions and extend engine life. Many companies, with older equipment, are choosing Liquid engineering over Mechanical engineering because they are saving thousands of dollars per machine in costly repairs or replacements.

Every year equipment manufacturers spend hundreds of millions of dollars to inform the world about the benefits of Mechanical engineering. However, equipment manufacturers do not enlighten the world that new engines have decreased life expectancy. Mechanical and Liquid engineering will reduce emissions, with one **Enormous** difference. Mechanical engineering will cost thousands of dollars per machine to replace perfectly good engines, to meet new emissions standards from the Clean Air Act. Liquid engineering will save thousands of dollars per machine through the preservation of quality engines, and meet the new emissions standards. So, what makes more sense; spending thousands of dollars per machine or saving thousands of dollars per machine?

In recent years, not one equipment manufacturer offering Mechanical solutions have even come close to providing the benefits and savings that Liquid engineering has to offer. In fact, ACES Liquid engineering will provide up to a 700% net return on investments from fuel savings. ACES currently has a 94% reorder rate.