

Customer Testimonial



Monolec® Tetra-Syn™ Engine Oil (8521)

CMW (Central Mechanical Wichita) – Wichita, Kan.

2014 Jeep Wrangler Sport

- Documented fuel savings of 1 mpg or 5 percent
- Fewer oil changes will result in 4-year ROI of 68%
- Pays for itself three times over

Customer Profile

Central Mechanical Wichita is a full-service mechanical contractor that delivers custom solutions and exceptional customer service. CMW shows companies how to save energy by using the right maintenance practices and equipment. Learn more at www.cenmech.com.

Application

- 2014 Jeep Wrangler Sport with manual transmission (employee vehicle)

Challenge

Chris Sewell, CEM, a certified energy manager at CMW, performs energy assessments and financial analysis for commercial businesses to increase efficiency and reduce costs. Chris wanted to provide the best protection possible for his vehicle – a 2014 Jeep Wrangler Sport. He estimates that 80 percent of his 10,000 annual miles is in city driving conditions.

CMW has been using LE's Monolec® engine oils in its fleet of trucks and vans since 2009, and the company's success with these products convinced Chris to give LE oil a try in his personal vehicle.



LE Solution

Mike Hall, LE lubrication consultant, recommended Monolec® Tetra-Syn™ Engine Oil (8521), full synthetic SAE 5W-20 engine oil with premium additive package for gasoline engines in passenger cars and light duty trucks.

Monolec Tetra-Syn exceeds the minimum standards set by American Petroleum Institute (API), providing the ultimate combination of performance, protection, endurance and efficiency. Its proprietary additive package is designed to deliver resource-conserving fuel economy, protect emissions systems, keep engines clean, and keep deposits to a minimum. It keeps engines running for longer periods while safely extending the time between oil changes.



Results

Chris uses an app on his smart phone to track mileage, fuel usage, and oil changes. He documented an immediate fuel savings of 1 mpg after switching to Monolec Tetra-Syn. He was looking to protect his engine, but the better fuel economy was a welcome bonus that he directly attributes to using the LE oil.



| Date | Mileage | Cost | MPG |
|---------------------------|------------------|---------------------------|-----------------------------|
| 06/13/2014 (+14 days) | 2362mi +182mi | USD 53.62 USD 3.45/gal | 15.23gal 18.62mpg |
| 05/30/2014 (+13 days) | 2070mi +270mi | USD 55.22 USD 3.50/gal | 18.81gal 18.72mpg |
| Oil changed to LE halfway | | | |
| 05/17/2014 (+11 days) | 1778mi +276mi | USD 52.95 USD 3.42/gal | 16.47gal 17.84mpg |
| 05/06/2014 (+13 days) | 1486mi +290mi | USD 51.88 USD 3.46/gal | 15.02gal 17.63mpg |
| 04/23/2014 (+12 days) | 1233mi +272mi | USD 56.25 USD 3.60/gal | 15.63gal 17.40mpg |
| 04/11/2014 (+14 days) | 961mi +277mi | USD 29.44 USD 3.60/gal | 16.51gal 16.77mpg |
| 03/28/2014 (+6 days) | 688mi +227mi | USD 48.77 USD 3.50/gal | 13.09gal 17.35mpg |

“On just the 5 percent in MPG alone at \$2.80 per gallon, there is a 17 percent return on investment,” Sewell said. “Protecting your asset is cheaper in the long run, so from both an operational and financial view, it’s a no-brainer.”

Thank you to Mike Hall, LE lubrication consultant (pictured), and to Chris Sewell for providing the information used in this report.



Monolec® is a registered trademark and Tetra-Syn is a trademark of Lubrication Engineers, Inc.

Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

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