

## **Preventive Measures: Displacing Moisture with High Performing Lubricant for Better Performance & Productivity**

By Todd Howe, Manager, Product Management, Lawson Products

We all understand the benefits of performing preventive fleet maintenance. So why do we struggle with taking a truck out of service when it seems to operate fine? Sure, it's preferable to have a truck on the road, but adhering to a maintenance schedule is rewarded with extended uptime, fewer parts failures and accident prevention.

Maintenance schedules vary based on environment, usage, inventory management/parts availability and more. Regardless of schedule, preventative maintenance includes checking fluids and lubricants, chains, electrical connections, tire wear and battery health. Let's focus on lubricants here.

Many fleet managers and technicians are challenged with finding a multipurpose, high-performing lubricant, one that lasts a long time and doesn't lose performance at low or high temperatures. Constantly reapplying ordinary lubricants to defend against rust, dirt, grit, salt and water is a cost and labor expense.



Think about the salt trucks vital to keeping roads open during the country's harsh winters with below average temperatures and heavy snow and ice storms. These fleet managers cannot afford to have their spinners freezing up with ice and salt build up in the cold temperatures.

Or consider the fact that frozen storage warehouses can reach temperatures as low as -40 Fahrenheit. The most significant challenge lift trucks face when migrating from freezing to ambient-temperature zones is condensation.



Those managing over-the-road (OTR) trucks and trailers know only too well that any time water may encounter electrical components there is potential for problems. OTR vehicles must also defend against dirt and grit to ensure cab-to-trailer connectors are operating effectively to keep freight moving and drivers safe

Lawson Products' fleet customers faced with the above challenges have found a solution in Engage – a high-tech, maintenance engineered, long lasting lubricant. Formulated with advanced synthetic lubricants to be long lasting, Engage works in temperatures ranging from -70 Fahrenheit to +480 Fahrenheit. It resists contamination from rust, dirt, grit, salt and water. Engage also penetrates through rust, grit, grime and water to lubricate frozen parts.

A worldwide leader in the oil and gas industry and one of Lawson Products' biggest users of the Engage product says: "Working on very sophisticated oil and gas field tractors and trailers, we use Engage a lot. It's perfect for inserting and pulling parts into and out of tight places, working on our pumps, parts and fittings. This is key to our performance and productivity."

Another Lawson Products customer that uses Engage says: "We use it to loosen corroded or rusted fasteners, fittings, nuts, bolts and more."

Engage high-tech lubricant is a complex, synergistic blend of ingredients. It's not a grease, but a sophisticated PTFE-fortified lubricating fluid.

Engage uses active depth-penetration to coat and lubricate metal surfaces, break up rust-frozen parts, reduce friction, displace moisture and put down a long-lasting film of advanced synthetic lubricant, all in one application. This means parts can be lubricated less frequently, a cost and labor savings.

In addition to automotive and heavy machine lubrication, Engage is used to improve performance and productivity in industrial, marine and boat and manufacturing environments.

No matter the industry, it is important to consider more than just price. Environmental conditions to which the fleet will be exposed must be taken into account. Equally important is the fact that using a lubricant that only lasts a short time results in losses in labor expense.

Using the right high-performing lubricant can help prevent unexpected breakdowns and increase fleet uptime. Proactive maintenance and planning for the changing seasons and driving conditions – extreme cold weather, particulate from wildfires, immense dust storms – are key to running an efficient fleet, no matter what Mother Nature has in store.

Founded in 1952, Lawson Products ([www.lawsonproducts.com](http://www.lawsonproducts.com)) is an industrial distributor of maintenance and repair products. It carries a comprehensive line of products and provides inventory management services to the industrial, commercial, institutional and government maintenance, repair and operations (MRO) market.

#### ENGAGE FEATURES

- Leaves a protective film on metal surfaces to reduce friction and control corrosion.
- Capillary action breaks up and displaces rust, grit, grime and water – forcing them away.
- Formulated with long lasting lubricants and PTFE for superior lubrication.
- High dielectric strength of 41,000V/2.5mm allows use on de-energized electrical connectors to flush out dirt, debris, and moisture while leaving a protective corrosion inhibiting film.
- Spreads out quickly to coat and protect even the most intricate parts and machinery.