



**POLARIS™
Laboratories**

POLARIS™ Develops New Fuel Troubleshooting Test Packages to Reduce Fleet Expenses and Downtime

FOR IMMEDIATE RELEASE

POLARIS Laboratories™ has developed an extensive range of fuel testing that can confirm the quality of bulk deliveries and quickly resolve some of the most common issues that have the biggest monetary effect on fleet productivity. Fuel is one of a fleet manager's biggest expenses and optimum performance depends on resolving issues before they result in unnecessary downtime.

POLARIS Laboratories™ can customize test slates specific to a customer's goals and objectives, but these new troubleshooting packages will identify most common problems, including contamination issues and possible causes for:

- Fuel Filter Plugging
- Loss of Power
- Malfunctioning Throttle
Position Sensors
- Smoking
- Poor Injector Performance
- Sticking Valves

Equipment reliability starts with fuel quality. It is important to confirm that bulk tank deliveries meet OEM specifications and cleanliness standards that could affect equipment warranty requirements or violate EPA standards for sulfur and biodiesel content. These test packages also evaluate how well the fuel can be expected to perform under both summer and winter weather conditions. POLARIS' new fuel test packages include:

- Contamination Package
- Filter Plugging Package
- Wear Prevention Package
- Biodiesel Blends Package
- Smoking Package
- Cleanliness Package
- Fuel Quality Package (summer & winter)

Testing fuel for wear can identify water contamination, excessive particles or issues with lubricity that could affect the performance of fuel system components and eventually lead to premature engine failure.

The biodiesel blends test package addresses water contamination, the presence of bacteria, fungi or mold, and oxidation / oxidation tendencies. This package will also confirm biodiesel content and determine possible reasons for poor cold weather performance. Like petroleum-based diesel, biodiesel can contribute to fuel filter plugging if physical properties are not monitored regularly. Suitability for use is also more of a

PRESS RELEASE



**POLARIS™
Laboratories**

concern with biodiesel as its natural composition allows for a typical shelf life of only about six months. As degradation begins, a natural breeding ground for biological growth can develop, making regular testing imperative.

Bryan Debshaw, POLARIS Laboratories™ CEO, said “These new fuel troubleshooting test packages will help fleet managers reduce problems, decrease downtime and save money.”

PRESS RELEASE