

## In the Heat of Battle

War is extreme. Intense fighting conditions escalate when temperatures reach severe levels. Not only do human bodies malfunction when exposed to maximum temperature thresholds, but machinery and equipment also begin to fail. With lives at stake, the U.S. Department of Defense doesn't accept defeat.

That's why the Department of Defense (DoD) trusts Nason. Our switches succeed when the rest in the industry fail. The DoD requirement, that each switch be able to withstand a polarity of temperatures ranging from -50° F to 225° F, was a demand that no other supplier could meet.

Nason took up the mission.



## Innovative Technology

At Nason, "New Thinking" is more than a slogan. It's what we do every day. When competitor's switches could not meet the standards for the DoD, we approached the problem with a fresh slate and a new plan of attack. The breakdown for the switches originated in the diaphragm, so our team set to work on discovering innovative compounds to replace the common materials that proved to be insufficient.

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## Applications

SM pressure switches with fluorosilicone diaphragms will be used in the airbag and lighting systems on DoD vehicles made by Oshkosh Defense®, including the Palletized Load System (PLS), Heavy Equipment Transporter (HET) and Heavy Expanded Mobility Tactical Truck (HEMTT). These transportation vehicles will be used in military endeavors in Afghanistan.

In battle the smallest elements can be the most important. Nason's switches power through where the competition staggers. Don't fall behind. Think Nason.



### Switch SM

2,000 manufactured per week  
Fluorosilicone diaphragm  
-50° to 225° F