



Maintenance Research Bulletin: May 2015

**NTREC New Technology Research Equipment Committee
MOR Maintenance Operations Research**



Fluid Film

Winter brings inclement weather and the use of winter road chemicals. These conditions can be highly destructive to metals and electrical connections. De-icing chemicals kick-up and cling to MnDOT plow trucks and equipment where they re-crystallize as they dry. Fluid Film is an anti-corrosion product that will not freeze and remains active to migrate on metal surfaces. It penetrates metal pores creating an airtight seal that blocks road salts and moisture which will slow corrosion. Fluid Film also acts as a release agent for snow and ice and prevents it from sticking to plow trucks. District 1 will test Fluid Film to see if it prolongs the life of their equipment, reduces repair costs related to corrosion and if equipment will hold its value better then equipment not sprayed with Fluid Film.

**For more information contact:
Jesse Kimball 218/387-3088
District 1 Shore Subarea**

Upcoming Events

**NTREC
Funding Meeting
St. Cloud Training Center
August 19, 2015**

**Fall Expo
St. Cloud
Public Works
October 7-8, 2015**

**Toward Zero Deaths
Annual Conference
St. Cloud
October 29-30, 2015**

**Maintenance Operations
Research website,
<http://www.dot.state.mn.us/maintenance/research.html>**

Memorial Day May 25



Take time to remember

**Comments? Questions?
Maintenance Research
Program Administrator
651/366-3585
Ryan Otte**

We all have a stake in **A  B**

