



# Xp<sup>3</sup>W-XT

## Extreme Flow Improver for Diesel Fuels

Xp<sup>3</sup>W-XT was designed to reduce the fuel Pour Point and Cloud Point (CFPP) in extreme cold weather. Its exclusive formula reduces the fuel Pour Point from  $-16^{\circ}\text{C}$  up to  $-60^{\circ}\text{C}$ . Xp<sup>3</sup>W-XT has all the additional advantages that Xp<sup>3</sup>D (Xp3 Diesel) provides. The fuel additive itself has a pour point of more than  $-60^{\circ}\text{F}$ .

This enhancement of the chemical structure in the Xp<sup>3</sup>W-XT additive components permits maximum polymer distribution in the treated distillate fuel creating a better combination of polymer with the paraffin content. Accordingly, less active polymer is required to modify the solidified paraffin crystals and depress the fuel's natural flow point and operability temperature.

Using Xp<sup>3</sup>W-XT dramatically lowers the typical winterization additive cost.

### CHARACTERISTICS AND BENEFITS

- Reduces the fuel Pour Point and Cloud Point (CFPP)
- Improves fuel flow in low temperatures
- Inhibit wax crystals from growing together and block filters at cold temperatures
- Holdup fuel oxidation
- Prevents corrosion
- Improves combustion
- Reduces fuel consumption
- Stabilizes the fuel
- Totally disperses water in fuel
- Keeps fuel injectors clean
- Reduces fumes and emissions
- Reduces maintenance costs and prolongs the life of the machine
- Reduces the consumption of the liquid DEF, used in the new catalyzer (SCR)

### RECOMMENDED USES

Xp<sup>3</sup>W-XT should be used in cases where the fuel is exposed to extremely low temperatures.

Auto transport  
Trucks  
Trains  
Ships and Boats  
Power Plants  
Industrial Plants  
Agricultural Equipment

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## TREATMENT RATIO

Add 1 (one) part of Xp<sup>3</sup>-XT for each 4,000 parts of fuel. For improved results you may increase the dosages from 1:4000 all the way up to 1:1000. Test results at different ratios shown in chart below.

Test Data *	Base Fuel	@ 1:4000	@ 1:2000	@ 1:1000
Pour Point	-16.6° F	-59.8° F	-65.2° F	-70.6° F
Wax Dispersancy	Poor	Very Good	Very Good	Very Good

\* CoreLab Test Results (Sept. 4<sup>th</sup>, 2015)

Xp Lab, Inc.'s new **Xp<sup>3</sup>W-XT** is engineered with the latest advances in polymer technology and our proprietary production process to energize the polymer molecules at the molecular level.

This enhancement of the chemical structure in the **Xp<sup>3</sup>W-XT** additive components permits maximum polymer distribution in the treated distillate fuel creating a better combination of polymer with the paraffin content. Accordingly, less active polymer is required to modify the solidified paraffin crystals and depress the fuel's natural flow point and operability temperature.

With a more effective use of the polymer molecules in the treated distillate fuel, the **Xp<sup>3</sup>W-XT** formula can be produced with less total polymer to permit lower handling properties and eliminate the need for in-storage heating. This also greatly lowers the additive pour point to -35C (or lower) for improved rack and refinery injection.

Additionally, the excited polymers in the **Xp<sup>3</sup>W-XT** formulation combine much better with other performance additive products used to upgrade distillate fuel quality; i.e. detergents, cetane improvers, lubricity agents, stabilizers, de-icer agents, combustion improvers, etc.

**Xp<sup>3</sup>W-XT** incorporates a combination of the newest polymeric chemistry with Xp Lab, Inc.'s proprietary blending capabilities. This product is unique in its composition and chemical content and is not available from any other additive company anywhere in the world.

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