

TNT-ULTRA[™] **WITH WASA** *Premium Diesel Additive with Anti-Gel*

DESCRIPTION:

TNT-ULTRA[™] **WITH WASA** was developed to meet the new challenges of today's ULSD and Biodiesel. Moisture is now a greater concern than ever because ULSD absorbs and retain more water than the higher sulfur diesel will.

This can cause an array of problems including icing, injector failure, mechanical break downs, algae, and bacteria formation along with poor fuel performance. Also, water is used during the de-sulfurization process, which leads to increased contamination. Bio –Diesel is also a concern because it is a naturally occurring ester which will attract water.

In cold weather climates, where temperatures can fall well below zero degrees Fahrenheit, this can present an even more troubling situation, because water will generally freeze at a much higher temperature than the fuel will gel.

Wax fallout was previously unknown and unidentified until the introduction of ULSD, or Ultra-Low Sulfur Diesel. ULSD is a poor solvent for wax and wax precipitation can happen in as little as 4 hours after being exposed to cold temperatures. This wax settles to the bottom and is drawn straight into the filters.

This characteristic along with smaller micron fuel filters, can give diesel equipment operators filter plugging problems even when the CFPP, or Cold Filter Plugging Point, is acceptable in the fuel.

TNT-ULTRA[™] **WITH WASA** incorporates a wax anti settling agent, or WASA, to eliminate wax fallout and maintain CFPP.

TNT-ULTRA[™] **WITH WASA** has been formulated with the most technologically advanced moisture dispersants and cold flow improvers. This gives the user the most protection from moisture and sub –zero temperatures at the same time.

Today's new "High Tech" diesel engines that have the High-Pressure Common Rail, (HPCR), fuel injection systems have also experienced many problems with today's new fuels.

Internal Diesel Injector Deposits, (IDID's), which are different from the deposits that form on the injector tips, can accumulate on the needles and plungers of the injectors and, in low clearance areas of the injectors, causing sluggish operation and poor performance.

TNT-ULTRA[™] **WITH WASA** has been formulated to meet these problems and provide cost effective solutions to the diesel fuel consumer.

TNT-ULTRA™ WITH WASA contains a special HPCR Detergent Package to meet the demands of these new systems and eliminate deposits in the injectors.

USES:

Can be used in on and off-road diesel, home heating oil and bio-diesels.

BENEFITS:

TNT-ULTRA™ WITH WASA also provides the following benefits:

- Lowers Pour Point and CFPP up to 40°F
- Reduces plugging of lines, filters, strainers, and nozzles
- Raises cetane 3-4 numbers
- Improves lubricity
- Contains HPCR Detergent Package to eliminate deposits
- Dispersants reduce problems with moisture
- Inhibits corrosion
- Contains fuel stabilizers
- Prevents bacteria and algae

TNT-ULTRA™ WITH WASA provides excellent protection against traditional coking as measured in the DW-10 test and the XUD-9 test.

APPLICATION:

1 gallon **TNT-ULTRA™ WITH WASA** to 1000 gallons of fuel. For extended Subzero temperatures use 1 gallon to 750 gallons of fuel.

SPECIFICATIONS:

Density	7.49
Pour Point	-18°F
Flash Point	155°F
Appearance	clear yellowish to amber color.

- This diesel fuel additive complies with the federal low sulfur requirements for use in on and off-road diesel equipment.

LUBRIFORMANCE

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