DieselFX

DieselFX is a high-performance fuel conditioner that boosts cetane 3 to 5 points, contains lubricity and strong detergents to keep your fuel system clean. DieselFX is designed to improve performance when using ULSD #2 or BioDIESEL blends (B5, B20) and provides protection for critical fuel system components. It meets or surpasses all regulatory criteria set forth by OEM's and legislative groups. DieselFX provides performance enhancements to diesel fuel to help meet the demanding needs of specific applications that require additional additives as recommended by the OEM.

Fuel economy improvements are achieved through the use of cetane improvers and maintaining the fuel system with detergents and synthetics lubricity agents which keep engines running at peak performance.

Base fuel quality does not always meet OEM fuel requirements. Consult OEM fuel specifications for recommendations about when equipment requires the use of DieselFX.

EPA 40 CFR 79.23 194620005

DieselFX: To be continuously or batch blended into diesel fuel as a concentrate or as a stock solution. In bulk storage tanks, mix enough DieselFX to treat the entire fill amount. Use AccuPOUR or a similar measuring device to ensure an accurate treat ratio -1L of DieselFX treats 1000L of diesel fuel.

PART #	3300-750-4 (750 ml x 4) 3300-20-1 (20L Pail)	3300-205-1 (205L Drum)

North American diesel fuels are required to meet ASTM D 975 standards for minimum performance. This standard is recognized and met by most major fuel suppliers. OEM's in many cases provide their own minimum fuel specifications which outline the performance requirements of specific engines or operating conditions relative to the ASTM D 975. In some cases, additional additives are required to meet these OEM specifications. Use of DieselFX will raise fuel quality to meet or exceed OEM requirements in most applications.

DieselFX is intended for use in all engine types requiring diesel fuel. To be used as a regular treatment where fuel lubricity, cetane number or detergency requires improved performance. Highly recommended when using BioDIESEL blends of 5% (B5) or greater.

Lubricity Enhancement: The High Frequency Reciprocating Rig Test (HFRR) measures fuel wear and friction as a part of the ASTM D 975 fuel standard. The minimum performance standard is 520 microns. Using DieselFX reduces wear to 345 microns, removing severe stresses from the top end of the combustion chamber, fuel injectors, intake and exhaust valves, and piston rings. Lubricity enhancements can also increase fuel pump life and prevent damage to fuel delivery systems.

Rust and Corrosion Prevention: Highly effective inhibitors prevent the formation of rust and corrosion in the fuel system when compared to neat ULSD #2.

Cetane Improvement: High cetane number fuels ignite earlier in the compression stroke and burn more uniformly. DieselFX shortens ignition delay by 3-5 points resulting in improved combustion, increased fuel economy and decreased vehicle emissions. Cetane improvement effects can be calculated following standardized EPA procedures for NOx benefits.

Increased detergency: Higher pressures in common rail fuel systems increase thermal stresses on fuel and can lead to carbonized sludging which collects on injector tips and in fuel filters. Additional detergents are strongly recommended to clean and keep these systems clean. BioDIESEL blends are even less thermally stable than ULSD#2 and can cause visible blackening of the fuel during normal operation. (Black Filter Syndrome.)

DESIGNED FOR PERFORMANCE

- Provides thermal and oxidative stability.
- Improves fuel economy.
- Maintains injector and fuel filter life.
- Reduces NOx emissions and particulate matter.
- Rust and corrosion protection.
- Reduces costs of maintenance and downtime.
- Contains synthetic corrosion inhibitors.
- Compatible with high pressure fuel injection systems. and exhaust gas recirculation (EGR).

PowerUp LUBRICANTS | Protection. Performance. Peace of Mind.

DieselFX

Guidance on Health, Safety, Storage and Handling is available on the Material Safety Data Sheet
DO NOT HEAT. Self-sustaining exothermic decomposition of cetane improver begins above 100°C. Risk of explosion if heated under confinement.

TYPICAL PROPERTIES	ASTM METHOD	DieselFX
Appearance		Clear, Amber, Liquid
Viscosity @ 40°C (cSt)	D 455	5.0
Density @ 20°C (g/ml)	D 941	0.957
Pour Point (°C)	D 97	<-40
Flash Point COC (°C)	D 92	72.8
Fire Point COC (°C)	D 92	78

PERFORMANCE TESTING	ASTM METHOD	ULSD#2	+1000PPM DieselFX
HFRR Fuel Lubricity (mm)	D 6079	.0573	0.345
Rust Prevention (% surface rust)	D 665	50	0
Pour Point (° C)	D 97	-21	No Change

PowerUp LUBRICANTS | Protection. Performance. Peace of Mind.

awsum OUTCOMES INC.

www.awsumoutcomes.com

Product Manufactured in Canada
DieselFX AwSum Outcomes Inc.,
Manufactured to ISO 9001:2015 Specifications