

Description

Diselex Gold is a diesel fuel engineered to provide a unique combination of performance and benefits. Diselex Gold's patented chemistry provides multilevel protection for fuel storage and equipment.

Features and Benefits

- Cetane Improver - Enhances fuel ignition quality for easier starts, improved combustion, and faster dissipation of white smoke in cold weather.
- Detergent – Designed to remove deposit buildup from both fuel injector tips and internal injector mechanisms for more efficient engine operation.
- Corrosion Inhibitors – Improved chemistry to reduce filter plugging by reducing corrosion of piping and storage tanks, and engine parts.
- Lubricity Enhancer – Adds protection for critical fuel pumps and injectors to keep operating properly for less maintenance and downtime.
- Oxidation Inhibitors – Reduces sludge buildup from fuel, prevents formation of gums and deposits, and extends filter life.
- Fuel Stabilizers – Promotes thermal stability and maintains original quality for longer periods of time.
- Demulsifier - Sheds “free” water faster and more completely, settling to the bottom of the storage tank for physical removal.
- Moisture Control – Reduces moisture accumulation that can lead to corrosion, microbial activity, and associated operational problems.

Meets or Exceeds

- ASTM D975 requirements for #2 Diesel Fuel
- ASTM D396 requirements for #2 burner fuel oil
- “Premium” criteria recommended by NCWM, EMA, and TMC for thermal stability and detergency
- DW10 Injector Test (detergency measurement)
- NACE fuel corrosion test
- D975 allows #2 distillate fuel blended with biodiesel ≤5% volume, meeting ASTM D6751.

Typical Properties

Specific Gravity (water =1)	0.81 – 0.88 @ 60°F (15.6°C)
Viscosity cSt @ 40°C	3.0
Cloud Point °F (August/March)	5
Pour Point °F (August/March)	<-15
Sulfur % ULSD (on/off-highway)	<15 ppm
Lubricity, HFRR @ 60°C, micron	≤460
Cetane	46-49
Flash Point °F	>125
Ash % mass max	0.01
Water & Sediment, % Vol.	<0.05
Copper Strip Corrosion	No. 1
Color	Pale yellow or dyed red

Recommended Usage

Diselex Gold is recommended for high speed diesel engines where maximum performance is desired or lost performance needs to be recovered.

Storage and Handling

Always use the proper personal protective equipment when handling this product. Diselex Gold can irritate eyes and skin so contact should be avoided. Store Diselex Gold in a dry, cool, well-ventilated area away from all ignition sources. Keep container tightly sealed and upright to prevent leakage. Consult safety data sheet for more information.