

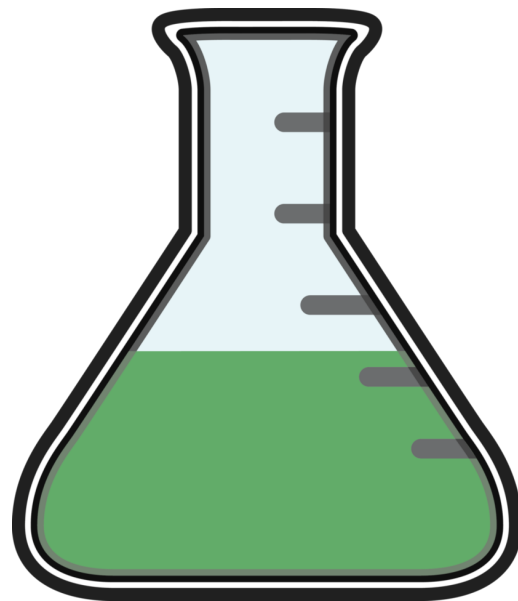


WINTERIZED

Sinclair Elite Winterized Diesel is designed to provide **cold weather** protection to enable engine start-up while providing superior engine performance. During the **winter season** there is greater risk of fuel deprivation to the engine, increased filter plugging and increased downtime due to gelling of the fuel system.

Sinclair Elite Winterized Diesel provides low temperature operability, recovers lost power, increases cetane number, prevents filter plugging, prevents sludging, cleans injectors in newer model-year vehicles operating high pressure fuel injectors.

Sinclair Elite Winterized Diesel has proven effective in all diesel fuels and biodiesel blends.



APPLICATIONS

- Light-, medium- and heavy-duty engines
- All diesel fuels, including blends with biodiesel and renewable diesel
- Exceptional performance in modern engines as well as older engines
- On-road and off-road equipment

PERFORMANCE

- Increases cetane up to 5 numbers
- Reduces cost of maintenance & downtime
- Cleans and prevents all types of injector deposits formed in high pressure common rail systems
- Prevents fuel soot and sludge formation caused by thermal stressing within the engine, extending fuel filter, injector, lube oil, and fuel pump life
- Restores lost horsepower and fuel economy
- Reduces exhaust emissions & soot generation, thereby reducing DPF manual regenerations
- Provides thermal and oxidative stability, lubricity, corrosion protection, and water dispersancy
- Lowers Cold Filter Plugging Point and Pour Point
- Prevents fuel gelling in low temperatures
- Aids against fuel filter icing
- Disperses wax during extended engine shutdowns



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TYPICAL PHYSICAL PROPERTIES TO ADDITIVE PACKAGE

PROPERTY	TEST METHOD	TYPICAL RESULTS
Appearance	Visual	Clear yellow liquid
Specific Gravity, 60/60 °F (15.6/15.6 °C)	ASTM D4052	0.930
Density, lbs/gal, 60 °F (15.6 °C)	ASTM D4052	7.75
Flash Point, °F (°C)	ASTM D93B	104.5 (40.3)
Pour Point, °F (°C)	ASTM D97	-49.0 (-45)
Viscosity at 104 °F (40.0 °C)	ASTM D445	4
Viscosity at -20 °F (-28.9 °C)	ASTM D445	56
Viscosity at -40 °F (-40.0 °C)	ASTM D445	225