

SPX NITRITE FREE ELC 50/50

HEAVY DUTY ETHYLENE GLYCOL BASED OAT (ORGANIC ADDITIVE TECHNOLOGY) EXTENDED LIFE COOLANT

SPX Nitrite Free ELC 50/50 is a heavy duty ethylene glycol based OAT containing an organic acid technology inhibitor. SPX Nitrite Free ELC 50/50 is free of nitrites, amines, silicates, and phosphates. This product does not require supplemental coolant additive (SCA) for heavy-duty fleet maintenance programs, but still provides wet sleeve cylinder liner cavitation protection. SPX Nitrite Free ELC 50/50 is recommended for use in on-road, off-road, and stationary engine applications. This product can also be used in mixed fleet applications where heavy duty and light duty trucks are present. Routine visual inspections, coolant top-off and annual laboratory testing are recommended to ensure maximum service life.

Advantages

- Eliminates the cost of using SCAs (supplemental coolant additives)
- Service life of 300,000 miles for on-road use
- Effective, long term corrosion protection, even at elevated temperatures, of common cooling system metals
- Compatible with other coolant formulations and supplemental coolant additives; recommend not diluting by more than 25% to maintain extended life performance
- Storage stable for a minimum of 8 years provided the integrity of the container is maintained
- Can be used in engines using variable fuel types and variable emission control types; check with OEM for specific application requirements

Applications

- Heavy duty engines regardless of fuel type or environmental controls being used where the OEM recommends a silicate free, extended life coolant that is nitrite free¹
- Mixed fleets where both heavy duty and light duty trucks are present
- On-road, off-road, or stationary engines

¹Some OEMs recommend the use of nitrite containing coolants. Check with your OEM.

Specifications

SPX Nitrite Free ELC 50/50 meets the following industry specifications:

- ASTM D6210 (fully formulated and precharged for heavy-duty)
- ASTM D3306 (automotive/light-duty)



Heavy Duty



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TYPICAL PROPERTIES

Appearance	Yellow
Specific Gravity @ 60°F, ASTM D1122	1.080
Density, lbs/gal @ 60°F	8.88 min
Freezing Point, °F/°C ^a , ASTM D1177	-39/-39
Boiling Protection, °F/°C (using a 15lb pressure cap)	227/108
Reserve alkalinity ^c , mL, ASTM D1121	6.8
pH ^b , ASTM D1287	8.5
Ash content, mass %, ASTM D1119	0.7
Foaming, ASTM D1881 150 ml vol., max. 5 sec. break, max.	Pass
Glassware Corrosion, ASTM D1384	Pass
Water Pump Cavitation, ASTM D2809	Pass
Aluminum Corrosion, ASTM D4340	Pass
Simulated Service, ASTM D2570	Pass
Silicate, % ^d	None

^a 50 vol% aqueous solution

^b 1:2 dilution with water

^c as received

^d as anhydrous alkali metasilicate

Note:

- Product concentrates should be agitated before use
- Always dispose of used coolant in accordance with local, state, and federal guidelines

Minor variations in typical properties data are to be expected in normal manufacturing.

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet (SDS).



Heavy Duty

