



AdvanceGuard™ EJC100

Product Data Sheet

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Product Description

AdvanceGuard EJC100 is a **concentrated water-dispersible, organic solvent-penetrant** designed to remove polymerized glycol from the internal surfaces of engine and compressor cooling systems. The **AdvanceGuard EJC100** contains special organic solvents that work to penetrate porous or dense organic polymer or carbon deposits on the internal surfaces of the cooling system, removing them into the circulating fluid. A common place for thermally degraded glycol to form organic deposits is in the piston liner area of an engine. Glycol sludge can clog cooling passages, ruin bearings, and glaze power cylinders from localized overheating. The thermal breakdown and polymerization of glycol can result from low fluid pH (less than pH 7.5) and a breakdown or depletion of corrosion inhibitors, leading to higher catalyzing metal content in the fluid. If your operating antifreeze coolant is black, you are experiencing a breakdown of the glycol in the system, and immediate attention is recommended. **AdvanceGuard EJC100** is safe for cleaning multi-metal systems typically found in stationary industrial engines and cooling systems.

Typical Physical Properties

Form@70°F	Amber Liquid
Appearance	Clear Solution
Odor	Slight Aromatic
Flash Point, °F (TCC)	197°F
Density, (lbs/gal)	8.4-8.5 (typical)
Water Solubility	Dispersible (milky dispersion)
Rinse Ability	Complete with water.

Application Information

AdvanceGuard EJC100 should be diluted in water at 15% to 20% of circulating volume. The addition rate is relative to the severity of fouling within the system. In all cases, **AdvanceGuard EJC100** in water should be heated to a temperature between 160°F and 180°F and circulated throughout the system for optimal results. Circulating time will vary with a 4 to 6-hour period as typical. Circulation time varies with each application. (Refer to **AdvanceGuard EJC100** Cleaning Guide)

Handling & Precautions

AdvanceGuard EJC100 is available in 5-gal buckets, 55-gallon drums, and 275-gal one-way tote tanks.

AdvanceGuard EJC100 is an industrial chemical and should only be handled by those persons who have read and are familiar with the handling precautions provided in the product's safety data sheet.

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