

PRODUCT DATA SHEET

AdvanceClean™ EJC 100

Concentrated Water-Dispersible Organic Solvent-Penetrant for Engine & Compressor Cooling Systems

AdvanceClean™ EJC 100 is a concentrated water-dispersible, organic solvent-penetrant designed to remove polymerized glycol from the internal surfaces of engine and compressor cooling systems. Special organic solvents penetrate porous or dense polymer and carbon deposits, lifting them into the circulating fluid. Thermally degraded glycol deposits commonly form in piston liner areas, where polymerized sludge can clog cooling passages, ruin bearings, and glaze power cylinders from localized overheating. **EJC 100 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

- ▶ Dilute in water at **15% to 20%** of circulating volume based on severity of fouling
- ▶ Heat to **160°F – 180°F** and circulate throughout the entire system for optimal results
- ▶ Typical circulation time: **4 to 6 hours** — adjust based on severity and system response
- ▶ Open all isolation valves to ensure contact with dead legs, heat exchangers, and auxiliary circuits
- ▶ Rinse completely with fresh water after draining the cleaning solution
- ▶ For heavily fouled systems, multiple cleaning cycles at moderate concentration are recommended



WHEN TO CLEAN

Glycol breakdown and polymerization can result from low fluid pH (below 7.5) and depletion of corrosion inhibitors, which increases catalyzing metal content. **If your operating antifreeze coolant appears black, you are experiencing glycol breakdown and immediate cleaning is recommended.**

PACKAGING & AVAILABILITY

5 gal
BUCKET

55 gal
DRUM

275 gal
TOTE TANK

HANDLING & SAFETY

AdvanceClean™ EJC 100 is an industrial chemical. Handle only after reviewing the Safety Data Sheet (SDS). Contains no heavy metals. Biodegradable formulation. Dispose of depleted solutions through a licensed disposal company in compliance with applicable regulations.