



AdvanceGuard™ EG 50NG

Product Data Sheet

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Product Description

AdvanceGuard™ EG 50NG is an ethylene glycol-based coolant-antifreeze specifically designed for large stationary natural gas engines and interstage coolers. It is formulated for extended life and corrosion protection in heavy-duty systems. It contains an enhanced long-life inhibitor additive using advanced Nitrite/Molybdate/Organic Acid Technology (NMOAT) coolant inhibitor technology. The AdvanceGuard™ EG 50NG inhibitors protect against damaging rust and corrosion in stationary industrial engines and cooling systems. Mineral scale deposits are controlled by a high-performance scale inhibition polymer, which improves overall performance in operating systems that encounter poor water quality in the field.

Typical Physical Properties

| | |
|--------------------------------|------------------------------|
| Form@70°F | Pale Yellow Liquid |
| Glycol Concentration, % | 50 (Monoethylene Glycol) |
| Flash Point, °F (TCC) | >200 |
| Relative Density 60°F (15.5°C) | 1.06 to 1.08 |
| Density, (lbs/gal) | 8.5 to 9.5 (typical) |
| Freeze Point, °F (°C) | -34 (-37) max |
| Boiling Point, °F (°C) | 226 (108) min |
| pH, (10% Solution) | 8.5 - 9.5 |
| Dilution Water | Deionized Low TDS (<500 ppm) |

Application Information

AdvanceGuard™ EG 50NG is ready-to-use and is not diluted further before being added to the coolant system. Existing coolant systems should be cleaned and flushed with **AdvanceClean™ EJC 100 or EJC 200** Engine Jacket Cleaner, followed by a flush to clear water with low TDS water before adding the **AdvanceGuard™ EG 50NG** into the compressor cooling system.

Performance & Compatibility

AdvanceGuard™ EG50NG meets or is compatible with the performance requirements of the following industry and OEM standards (based on additive performance)

| | |
|--------------------------------|----------------------------------|
| ASTM D3306, D4985, D6210 | SAE J1034, J1038 |
| CAT ELC (EC-1), Cummins 90T8-4 | Detroit Diesel 7SE298 |
| GM 1825M, 1899M, 6277M | Freightliner 48-22880, TMC RP329 |

Handling & Precautions

AdvanceGuard™ EG 50NG is available in 5-gal buckets, 55-gallon drums, 275-gal one-way tote tanks, and bulk truck volumes. **AdvanceGuard™ EG 50** 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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