



Product Information Bulletin

INTERCOOL® BIOGREEN

INTERCOOL® BIOGREEN heat transfer fluid is an inhibited propylene glycol heat transfer fluid formulated using domestically produced, non-toxic, sustainable bio-based propylene glycol. The Bio-based propylene glycol used in our *INTERCOOL® BIOGREEN* is manufactured via a proprietary fermentation process using natural corn sugars versus traditional petroleum-based feedstocks.

INTERCOOL® BIOGREEN provides better thermal stability in the form of a high maximum high temperature operating range while also providing 30% lower viscosity at low temperatures versus traditional petroleum derived propylene glycol.

INTERCOOL® BIOGREEN bio-based propylene glycol also provides better overall thermo-physical properties (Thermal Conductivity – Specific Heat) as compared to traditional crude oil based propylene glycol. The improved thermo-physical properties of *INTERCOOL® BIOGREEN* will provide a functional fluid that is more efficient than crude oil based propylene glycol.

INTERCOOL® BIOGREEN Functional Advantages:

- Non-dependent on crude oil feedstocks
- Produced using renewable / sustainable materials
- Provides better heat transfer versus crude oil-based PG
- Less viscous at lower temperatures
- Higher boiling point / More stable at higher temperatures

INTERCOOL® BIOGREEN is engineered using organic and inorganic inhibitors designed to provide excellent long term corrosion protection to single or mixed alloy systems. The inhibitor package employed in our *INTERCOOL® BIOGREEN* has been specially formulated to extend the service life of the coolant.

INTERCOOL® BIOGREEN pre-blended fluids are blended using deionized water to insure no corrosive or scale promoting elements enter the system.



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