



SECURING YOUR JOURNEY

# HEAT TRANSFER FLUIDS

NO MATTER THE HEATING AND COOLING NEEDS, RECOCHEM INC. FAMILY OF GLYCOL-BASED HEAT TRANSFER FLUIDS OFFERS A SOLUTION THAT WILL EXCEED YOUR REQUIREMENTS.

## EXPERTISE

- A COAST-TO-COAST DISTRIBUTION NETWORK WITH AN UNMATCHED SUPPLY CHAIN AND 70 YEARS OF INDUSTRY EXPERIENCE
- PRIVATE LABEL EXPERTISE ACROSS MULTIPLE INDUSTRIES.
- TESTED & PROVEN TECHNOLOGY DRIVEN FORMULAS THAT MEET INDUSTRY AND EFFICIENCY STANDARDS BACKED BY IN-DEPTH CONSUMER RESEARCH AND R&D EXPERTISE.
- LAB SERVICES - ASTM APPROVED LAB IN NISKU

## SEGMENTS/INDUSTRIES

- FOOD AND BEVERAGE MANUFACTURING
- RESIDENTIAL HVAC
- COMMERCIAL HVAC
- HYDRONIC/SNOW MELT SYSTEMS
- GEOTHERMAL
- INDUSTRIAL MANUFACTURING PROCESS THERMAL MANAGEMENT
- ICE RINKS
- DATA CENTER THERMAL MANAGEMENT

## FORMULATIONS

### PG FOOD GRADE

- FORMULATED WITH COMPONENTS DECLARED AS GRAS (GENERALLY RECOGNIZED AS SAFE) BY THE UNITED STATES FOOD AND DRUG ADMINISTRATION (FDA).
- NSF REGISTERED HT-1 HEAT TRANSFER FLUID FOR INCIDENTAL FOOD CONTACT.
- MEETS ASTM D8039 HEAT TRANSFER FLUIDS FOR HEATING AND AIR CONDITIONING (HVAC) SYSTEM CORROSION SPECIFICATIONS.

### PG AL SAFE

- FORMULATED SPECIFICALLY FOR SYSTEMS UTILIZING ALUMINUM COMPONENTS.
  - > Boilers/water heaters
  - > Heat exchangers
- DESIGNED TO MAINTAIN FLUID PH WITHIN THE ALUMINUM SAFE ZONE.
- MEETS ASTM D8039 HEAT TRANSFER FLUIDS FOR HEATING AND AIR CONDITIONING (HVAC) SPECIFICATION.
  - > Also meets ASTM D3306 specification for Corrosion of Cast Aluminum Alloys Under Heat Rejecting Conditions (ASTM D4340).
- UTILIZES OAT BASED CHEMISTRY PROVING LONGER FLUID LIFE WITH MINIMAL SEMIANNUAL/ANNUAL MAINTENANCE COMPARED TO CONVENTIONAL TECHNOLOGY-BASED FLUIDS
- FLUID IS BORATE, PHOSPHATE, AMINE, NITRITE, SILICATE, AND 2-ETHYLHEXANOIC ACID (2-EHA) FREE.

### PG HEAVY DUTY

- VIRGIN PROPYLENE GLYCOL BASED HEAVY DUTY FLUID FORMULATED FOR HIGHER OPERATING TEMPERATURES.
  - > Greater than 250°F.
- MEETS ASTM D8039 HEAT TRANSFER FLUIDS FOR HEATING AND AIR CONDITIONING (HVAC) SPECIFICATION.
- FLUID DOES NOT CONTAIN SILICATE-BASED INHIBITORS.

### EG HEAVY DUTY

- PROVIDES SLIGHTLY BETTER THERMAL PERFORMANCE COMPARED TO PROPYLENE GLYCOL BASED FLUIDS.

### COMPUTER COOLANT

- FORMULATED FOR DATA-CENTER SERVER PROCESSOR THERMAL MANAGEMENT.
  - > Provides superior heat removal from Server Processors.
- UTILIZES OAT BASED CHEMISTRY PROVING LONGER FLUID LIFE WITH MINIMAL SEMIANNUAL/ANNUAL MAINTENANCE.

### SUPER LOW CONDUCTIVITY COOLANT

- EG (ETHYLENE GLYCOL BASED) & PG (PROPYLENE GLYCOL BASED)



AVAILABLE FORMATS: BULK PAIL, DRUM & TOTE WITH DIFFERENT CONCENTRATION RATIOS.

## SERVICES

### FLUID ANALYSIS

- PROVIDES GUIDANCE FOR FLUID MAINTENANCE

### TECHNICAL SUPPORT

- DIAGNOSIS AND TROUBLESHOOTING OF SYSTEM ISSUES.
- GUIDANCE IN FLUID SELECTION ACCORDING TO APPLICATION.



**RECOCHEM INC.**  
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RECOCHEM.COM

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# OUR HEAT TRANSFER FLUIDS

ARE SPECIFICALLY FORMULATED TO MATCH THE TECHNICAL AND CHEMICAL REQUIREMENTS ACCORDING TO THE APPLICATION

**PG**  
PROPYLENE  
GLYCOL BASED

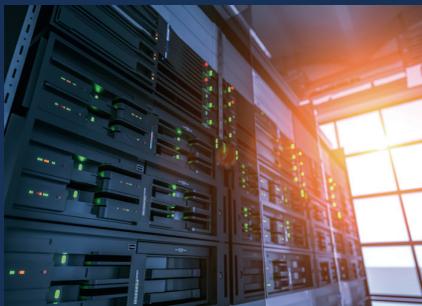
OR

**EG**  
ETHYLENE  
GLYCOL BASED

## PROPRIETIES

- EXCELLENT FREEZE AND BURST PROTECTION
- TOP-TIER HEAT TRANSFER PROPERTIES
- CONTAINS CORROSION INHIBITORS FOR METALS
- HIGH BOILING POINT & LOW VAPOUR PRESSURE
- OUTSTANDING IN LOW TEMPERATURE APPLICATIONS
- READILY BIODEGRADABLE
- NSF<sup>\*</sup> & GRAS<sup>\*\*</sup> APPROVED

## OUR PARTNERING INDUSTRIES INCLUDE



DATA CENTERS  
COOLING SYSTEM



FOOD & BEVERAGE



HVAC SYSTEMS

\*Some products are registered by NSF as an HT-1 product. \*\*Certain fluids are manufactured with ingredients classified as Generally Recognized as Safe (GRAS) by the FDA.



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