

Piprotherm PG Pre-mixed 50/50

Low Temperature Heat Transfer Fluid



Features & Benefits

- Effective corrosion inhibitors
- High boiling point
- Prolonged product life
- Freeze and burst protection
- Excellent heat transfer characteristics
- Readily biodegradable
- Nitrate, molybdate, and silicate free

Typical Results

Test Method	Piprotherm PG Pre-mixed 50/50
Appearance	Transparent Yellow
Density @ 15 °C (D4052) (kg/L)	1.05
pH	9.5 - 10.5
Freeze Point (°C)	-34
Propylene Glycol (% vol.)	50

Sizes & Order Codes

Size	Piprotherm PG Pre-mixed 50/50
205L/54.2 US Gal	F0040250

Piprotherm PG Pre-mixed 50/50 is a premium low temperature heat transfer fluid formulated with propylene glycol for use where low toxicity is required.

Piprotherm PG Pre-mixed 50/50 is intended for primary and secondary cooling or heating applications, and for a multitude of deicing, defrosting, and dehumidifying applications such as:

- HVAC systems
- Ground loop heating systems
- Process equipment deicing
- Waste heat recovery
- Ice skating rinks
- Air preheating
- Cold room dehumidifying
- Central heating systems
- Process cooling and heating
- Sprinkler systems
- Water chiller systems
- Solar and radiant heating systems

Piprotherm PG Pre-mixed 50/50 contains the appropriate corrosion inhibitors designed to protect copper brass, solder, cast iron, steel, and aluminum (up to 65°C).

Piprotherm PG Pre-mixed 50/50 will prevent freezing and protect pipes from bursting at extreme temperatures by forming slush when the mix begins to freeze. As ice crystals form, the remaining fluid becomes richer in glycol, resulting in a lower freeze point.

Piprotherm PG Pre-mixed 50/50 is **NOT** recommended for automotive or marine cooling systems because it does not contain corrosion inhibitors to protect the metal in such cooling systems.

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1.800.574.5823

Supporting data available to demonstrate acceptable performance. Check with your sales associate for latest product approvals.

Please note, these are typical performance indicators and can change without notice.

This data sheet replaces previous versions prior to 02-15-23.

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