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(54) **Title:** HEAT TRANSFER MIXTURE

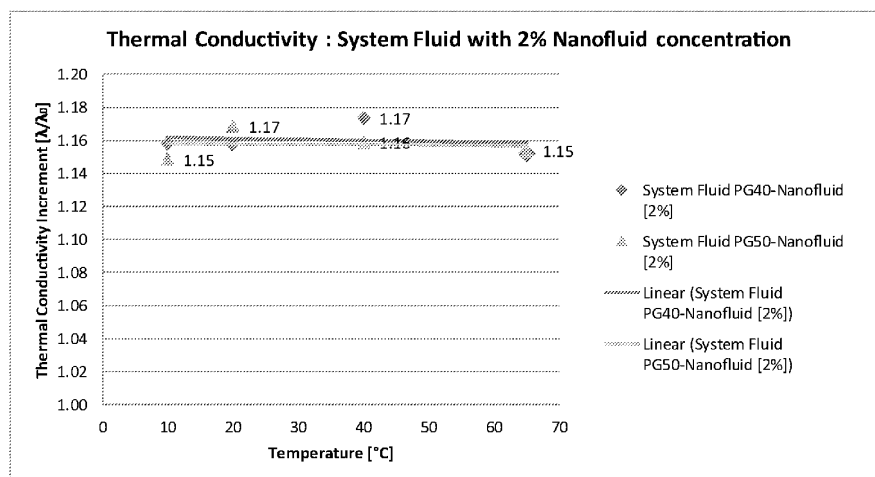


FIG. 1

(57) **Abstract:** A heat transfer mixture is represented by the formula:  $1 = V_{pg}/V_{nf} + V_w/V_{nf} + V_{pw}/V_{nf} + V_{sf}/V_{nf} + V_{bs}/V_{nf} + V_{ac}/V_{nf} + V_{ci}/V_{nf}$ .  $V_{nf}$  is a volume of a nanofluid.  $V_{pg}$  is a volume of propylene glycol.  $V_w$  is a volume of water.  $V_{pw}$  is a volume of a nanopowder.  $V_{sf}$  is a volume of a surfactant.  $V_{bs}$  is a volume of a base additive.  $V_{ac}$  is a volume of an acid additive.  $V_{ci}$  is a volume of a corrosive inhibitor.

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