The graph shows the relationship between SAR (W/g) and η (mPa.s) for various liquids. The concentration of Fe₃O₄@PAA is 20 g.L⁻¹.

- Water: η = 1 mPa.s
- Ethyleneglycol: η = 17 mPa.s
- 1,2 Propanediol: η = 40.4 mPa.s
- PEG 400: η = 90 mPa.s