Accepted Manuscript

Isodense displacement flow of viscoplastic fluids along a pipe

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PII: S0377-0257(16)30136-7
DOI: 10.1016/j.jnnfm.2016.08.002
Reference: JNNFM 3823

To appear in: *Journal of Non-Newtonian Fluid Mechanics*

Received date: 30 May 2016
Revised date: 4 August 2016
Accepted date: 6 August 2016

Please cite this article as: G.V.L. Moisés, M.F. Naccache, K. Alba, I.A. Frigaard, Isodense displacement flow of viscoplastic fluids along a pipe, *Journal of Non-Newtonian Fluid Mechanics* (2016), doi: 10.1016/j.jnnfm.2016.08.002

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Highlights

- Experimental analysis of isodense flow displacement of a viscoplastic fluid
- Flow pattern is characterized by a central displacement
- Three flow regimes identified within central flows: corrugated, wavy and smooth.
- The transition between flow regimes is a function of the Reynolds number.

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