## Accepted Manuscript

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PII: S0263-8762(18)30428-3

DOI: https://doi.org/10.1016/j.cherd.2018.08.028

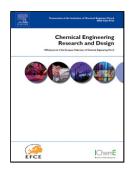
Reference: CHERD 3322

To appear in:

Received date: 20-3-2018 Revised date: 13-6-2018 Accepted date: 17-8-2018

Please cite this article as: Lhuissier, Margaux, Couvert, Annabelle, Amrane, Abdeltif, Kane, Abdoulaye, Audic, Jean-Luc, Characterization and selection of waste oils for the absorption and biodegradation of VOC of different hydrophobicities. Chemical Engineering Research and Design https://doi.org/10.1016/j.cherd.2018.08.028

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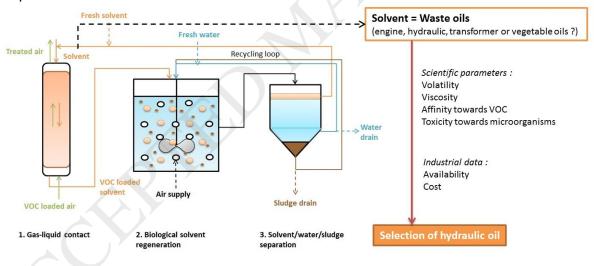
### ACCEPTED MANUSCRIPT

# Characterization and selection of waste oils for the absorption and biodegradation of VOC of different hydrophobicities

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#### Graphical abstract



#### Highlights

- Waste oils have been studied as a solvent for absorption and biodegradation of 7 VOC
- Volatility, viscosity, partition coefficient and toxicity towards VOC were investigated

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