

DAFTAR PUSTAKA

- Andrew Logan. (2021). *Webinar: Introduction to HVO (RD) pretreatment*. 1–27. <https://www.alfalaval.com/industries/food-dairy-beverage/webinars/introduction-to-hvo-rd-pretreatment/>
- Cavalcanti, C. J. S., Ravagnani, M. A. S. S., Stragevitch, L., Carvalho, F. R., & Pimentel, M. F. (2022). Simulation of the soybean oil hydrotreating process for green diesel production. *Cleaner Chemical Engineering*, 1(February), 100004. <https://doi.org/10.1016/j.clce.2022.100004>
- Centrifuge, D. (n.d.). WVO Centrifuge | Used Cooking Oil Water & Solids Separation. 2023. <https://dolphincentrifuge.com/wvo-centrifuge-separator/>
- Chen, C., Garedew, M., & Sheehan, S. W. (2022). Single-Step Production of Alcohols and Paraffins from CO₂ and H₂ at Metric Ton Scale. *ACS Energy Letters*, 7(3), 988–992. <https://doi.org/10.1021/acseenergylett.2c00214>
- Doliente, S. S., Narayan, A., Tapia, J. F. D., Samsatli, N. J., Zhao, Y., & Samsatli, S. (2020). Bio-aviation Fuel: A Comprehensive Review and Analysis of the Supply Chain Components. *Frontiers in Energy Research*, 8(July), 1–38. <https://doi.org/10.3389/fenrg.2020.00110>
- El-Araby, R., Abdelkader, E., El Diwani, G., & Hawash, S. I. (2020). Bio-aviation fuel via catalytic hydrocracking of waste cooking oils. *Bulletin of the National Research Centre*, 44(1). <https://doi.org/10.1186/s42269-020-00425-6>
- Fernández-Villamil, J. M., & Paniagua, A. H. D. M. (2018). Preliminary design of the green diesel production process by hydrotreatment of vegetable oils. *Eurecha*, 15. https://web.fe.up.pt/~fgm/eurecha/scp_2018/eurecha2018_mainreport_1stprize.pdf
- Garraín, D., Herrera, I., Lechón, Y., & Lago, C. (2014). Well-to-Tank environmental analysis of a renewable diesel fuel from vegetable oil through co-processing in a hydrotreatment unit. *Biomass and Bioenergy*, 63(January 2019), 239–249. <https://doi.org/10.1016/j.biombioe.2014.01.035>
- Gupta, M. K. (2017). Practical Guide to Vegetable Oil Processing. In *Practical Guide to Vegetable Oil Processing*. <https://doi.org/10.1016/B978-1-63067-050-4.00018-0>
- Kusnarjo. (2010). *Desain Pabrik Kimia*.
- Mamidi, T., & Suryawnshi, G. (2012). Investigations on S . I . Engine Using Liquefied

- Petroleum Gas (LPG) As an Alternative Fuel. *International Journal of Engineering Research and Applications (IJERA)*, 2(1), 362–367.
- Martínez-Hernández, E., Ramírez-Verduzco, L. F., Amezcua-Allieri, M. A., & Aburto, J. (2019). Process simulation and techno-economic analysis of bio-jet fuel and green diesel production — Minimum selling prices. *Chemical Engineering Research and Design*, 146, 60–70. <https://doi.org/10.1016/j.cherd.2019.03.042>
- Michael, A. T., Ajibola, V. O., Agbaji, E. B., & Yusuf, J. (2019). Methanolic Synthesis of Fatty Acid Methyl Esters (FAME) from Waste Materials. *Chemical Science International Journal*, April, 1–14. <https://doi.org/10.9734/csji/2019/v26i330095>
- Mupondwa, E., Li, X., & Tabil, L. (2022). *Production of biojet fuel: Conversion, technologies, techeconomics, and commercial implementation*. <https://www.ptonline.com/articles/how-to-get-better-mfi-results>
- Omari, A., Pischinger, S., Bhardwaj, O. P., Holderbaum, B., Nuottimäki, J., & Honkanen, M. (2017). Improving Engine Efficiency and Emission Reduction Potential of HVO by Fuel-Specific Engine Calibration in Modern Passenger Car Diesel Applications. *SAE International Journal of Fuels and Lubricants*, 10(3), 756–767. <https://doi.org/10.4271/2017-01-2295>
- Rincón, L. A., Ramírez, J. C., & Orjuela, A. (2021). Assessment of degumming and bleaching processes for used cooking oils upgrading into oleochemical feedstocks. *Journal of Environmental Chemical Engineering*, 9(1), 21–23. <https://doi.org/10.1016/j.jece.2020.104610>
- Sbuy-mcm-, F. N., Zhang, Z., Wang, Q., & Zhang, X. (2019). Hydroconversion of Waste Cooking Oil into Bio-Jet. *Catalysts*, 9, 455–468.
- ScienceLab. (1996). *Voltaix, Inc. Material Safety Data Sheet for Hydrogen. 000*, 1–6.
- Shehata, W. M., Mohamed, M. F., & Gad, F. K. (2018). Monitoring and modelling of variables affecting isomerate octane number produced from an industrial isomerization process. *Egyptian Journal of Petroleum*, 27(4), 945–953. <https://doi.org/10.1016/j.ejpe.2018.02.006>
- Skelton, R. L. (2009). Processing of used cooking oil for the production of biofuels. In *Handbook of waste management and co-product recovery in food processing*. Woodhead Publishing Limited. <https://doi.org/10.1533/9781845697051.4.441>
- Tesoro Refining & Marketing Co. (2009). *Material Safety Data Sheet: Naphtha*. 1–8.

- <https://www.collectioncare.org/MSDS/naphthamsds.pdf>
- Treese, S. A., Pujadó, P. R., & Jones, D. S. J. (2015). Handbook of petroleum processing. In *Handbook of Petroleum Processing* (Vol. 1). <https://doi.org/10.1007/978-3-319-14529-7>
- Tukiman, M. M., Osman, S. A., Fawzi, M., Mustaffa, N., & Madon, R. H. (2018). Effect of performance and exhaust emission using liquid phase LPG sequential injection as an alternative fuel in spark ignition engine. *International Journal of Integrated Engineering*, *10*(8), 223–230. <https://doi.org/10.30880/ijie.2018.10.08.032>
- Universal Industrial Gases, I. (2015). Material Safety Data Sheet: Liquid CO₂. *Universal Industrial Gases, Inc*, 6–11. http://www.uigi.com/MSDS_liquid_CO2.html
- Verma, V., Mishra, A., Anand, M., Farooqui, S. A., & Sinha, A. K. (2023). Catalytic hydroprocessing of waste cooking oil for the production of drop-in aviation fuel and optimization for improving jet biofuel quality in a fixed bed reactor. *Fuel*, *333*(P1), 126348. <https://doi.org/10.1016/j.fuel.2022.126348>
- Wang, W. C., & Tao, L. (2016). Bio-jet fuel conversion technologies. *Renewable and Sustainable Energy Reviews*, *53*, 801–822. <https://doi.org/10.1016/j.rser.2015.09.016>
- Xu, R., Wang, H., Colket, M., & Edwards, T. (2015). *Thermochemical Properties of Jet Fuels*. *19*(2005), 1–23.