

DAFTAR PUSTAKA

- Alptekin, Ertan, and Mustafa Canakci. "Performance and emission characteristics of solketal-gasoline fuel blend in a vehicle with spark ignition engine." *Applied Thermal Engineering* 124 (2017): 504-509.
- <https://doi.org/10.1016/j.applthermaleng.2017.06.064>.
- Al-Saadi, Luma Sh, Valentine C. Eze, and Adam P. Harvey. "Techno-economic analysis of glycerol valorization via catalytic applications of sulphonic acid-functionalized copolymer beads." *Frontiers in Chemistry* 7 (2020): 882.
- Alibaba. <http://www.alibaba.com/>.2022.
- Azizah, Berlian Nurul, and Sandra Santosa. "Perhitungan Analisis Ekonomi Pra Rancangan Pabrik Kimia Pembuatan Biodiesel Dari Minyak Sawit Menggunakan Katalis NaOH dan CaO Dengan Kapasitas 400.000 Ton/Tahun." *Distilat: Jurnal Teknologi Separasi* 8.3 (2022): 574-580.
- Badan Pusat Statistik. <https://www.bps.go.id/>.2022.
- da Silva, Marcio Jose, Alana Alves Rodrigues, and Patricia Fontes Pinheiro. "Solketal synthesis from glycerol and acetone in the presence of metal salts: a Lewis or Brønsted acid catalyzed reaction?." *Fuel* 276 (2020): 118164.
- <https://doi.org/10.1016/j.fuel.2020.118164>.
- Dharsono, Wulandari, Y. Saptiana Oktari, and Aprilina Purbasari. "Proses pembuatan biodiesel dari dedak dan metanol dengan esterifikasi in situ." *Jurnal Teknologi Kimia dan Industri* (2013): 33-39.
- Elfasakhany, Ashraf. "Performance and emissions analysis on using acetone–gasoline fuel blends in spark-ignition engine." *Engineering Science and Technology, an International Journal* 19.3 (2016): 1224-1232.
- <https://doi.org/10.1016/j.jestch.2016.02.002>.
- Hechavarría, Rodney; López, G. (2013) 'Distillation', *Journal of Chemical Information and Modeling*, 53(9), pp. 1689–1699.
- Indrihapsari, I., Hary Sulisty, and B. Budhijanto. "Konversi gliserol menjadi bioaditif menggunakan katalis ion exchanger." (2017).
- San Kong, Pei, Mohamed Kheireddine Aroua, and Wan Mohd Ashri Wan Daud. "Conversion of crude and pure glycerol into derivatives: A feasibility evaluation." *Renewable and Sustainable Energy Reviews* 63 (2016): 533-555.
- Mota, C. J., da Silva, C. X., Rosenbach Jr, N., Costa, J., & da Silva, F. "Glycerin derivatives as fuel additives: the addition of glycerol/acetone ketal (solketal) in gasolines." *Energy & Fuels* 24.4 (2010): 2733-2736.
- <https://doi.org/10.1021/ef9015735>.
- Nanda, M. R., Zhang, Y., Yuan, Z., Qin, W., Ghaziaskar, H. S., & Xu, C. C. "Catalytic conversion of glycerol for sustainable production of solketal as a fuel additive: A review." *Renewable and Sustainable Energy Reviews* 56 (2016): 1022-1031.

Nina, K. S., Suntoro, D., Al Irsyad, M. I., Srikandi, G. P., Khaldun, T., & Anggarani, R. "Performance and emission effects of biodiesel 30%(B30) usage in oil-fired power plants and gas engine power plants." IOP Conference Series: Earth and Environmental Science. Vol. 749. No. 1. IOP Publishing, 2021.

Samoilov, V. O., Ramazanov, D. N., Nekhaev, A. I., Maximov, A. L., and Bagdasarov, L. N. "Heterogeneous catalytic conversion of glycerol to oxygenated fuel additives." Fuel 172 (2016): 310-319.

<https://doi.org/10.1016/j.fuel.2016.01.024>

Sawali, F. D. I., "Pengolahan Gliserol dengan Aseton menjadi Solketal Menggunakan Katalis Amberlite IR 120 Na dan Unjuk Kerjanya Sebagai Bioaditif terhadap Kinerja Mesin Diesel". Diss. Universitas Gadjah Mada, 2021.

Setyaningsih, Dwi, Sri Yuliani, and Amri Solechan. "Optimization of glyserol tert-butyl eter process synthesis as a biodiesel additive." Jurnal Teknologi Industri Pertanian 21.1 (2011).

Suriyaprapadilok, Narinthorn, and Boonyarach Kitiyanan. "Synthesis of solketal from glycerol and its reaction with benzyl alcohol." Energy Procedia 9 (2011): 63-69.

<https://doi.org/10.1016/j.egypro.2011.09.008>

Turton, R., R. C. Bailie, and W. B. Whiting. "Analysis, synthesis and design of chemical processes." (1998).

Utami, Kidung Wulan, Hary Sulisty, and Ahmad Tawfieurrahman Yuliansyah. "Asetalisasi Gliserol Produk Samping Industri Biodiesel Menjadi Solketal Menggunakan Katalis Amberlyst-15." Seminar Nasional Teknik Kimia Kejuangan. 2020.

Vannucci, J. A., Gatti, M. N., Cardaci, N., & Nichio, N. N. "Economic feasibility of a solketal production process from glycerol at small industrial scale." Renewable Energy 190 (2022): 540-547.

Vicente, G., Melero, J. A., Morales, G., Paniagua, M., & Martín, E. "Acetalisation of bio-glycerol with acetone to produce solketal over sulfonic mesostructured silicas." Green Chemistry 12.5 (2010): 899-907.

<https://doi.org/10.1039/b923681c>