

DAFTAR PUSTAKA

- [1] Afshana Morshed, Hui Wu, and Zhengyi Jiang, "A Comprehensive Review of Water-Based Nanolubricants," *Lubricants*, pp. 1–62, Sep. 2021, doi: <https://doi.org/10.3390/lubricants9090089>.
- [2] Md Hafizur Rahman *et al.*, "Water-Based Lubricants: Development, Properties, and Performances," *Lubricants*, pp. 1–25, Jul. 2021, doi: <https://doi.org/10.3390/lubricants9080073>.
- [3] Panpan Xu *et al.*, "Tribological Performance of Pullulan Additives in Water-Based Lubricant," *Tribology - Materials, Surfaces and Interfaces*, vol. 11, no. 2, pp. 83–87, May 2017, doi: 10.1080/17515831.2017.1329919.
- [4] M. Ramasamy, M. Senthil Kumar, and R. Venkatachalam, "Study on Dispersion Stability and Tribological Performance of Water-Based Nanolubricants With Surfactant-Modified Carbon Nanotubes," *Tribol Int*, vol. 14, no. 5, pp. 106–146, 2020.
- [5] Rini Siskayanti and Muhammad Engkos Kosim, "Analisis Pengaruh Bahan Dasar terhadap Indeks Viskositas Pelumas Berbagai Kekentalan," *Jurnal Rekayasa Proses*, vol. 11, pp. 1–7, Dec. 2017.
- [6] Sukirno, "Pelumasan dan Teknologi Pelumas," Universitas Andalas.
- [7] M. arisandi, Darmanto, and T. Priangkoso, "ANALISA PENGARUH BAHAN DASAR PELUMAS TERHADAP VISKOSITAS PELUMAS DAN KONSUMSI BAHAN BAKAR," *Momentum*, vol. 8, pp. 1–6, Apr. 2012.
- [8] Ikhsanul Fikri, "TUGAS AKHIR PERBANDINGAN SIFAT FISIK DAN TRIBOLOGI MINYAK KELAPA DAN MINYAK SAWIT DENGAN OLIVE OIL SEBAGAI ZAT ADITIF PADA ALAT UJI PIN ON DISC," Universitas Andalas, Padang, 2018.

- [9] J. N. Sultan, E. T. Karash, T. K. Abdulrazzaq, and M. T. Elias Kassim, "The Effect of Multi-Walled Carbon Nanotubes Additives on the Tribological Properties of Austempered AISI 4340 Steel," *Journal Europeen des Systemes Automatises*, vol. 55, no. 3, pp. 387–396, Jun. 2022, doi: 10.18280/jesa.550311.
- [10] R. Kumar Singh, A. Rai Dixit, V. Mandal, A. Kumar Sharma, A. Kumar Tiwari, and A. Pramanik, "Influence of graphene and multi-walled carbon nanotube additives on tribological behavior of lubricants."
- [11] Eryk Goldmann, Marcin Górski, and Barbara Klemczak, "Recent Advancements in Carbon Nano-Infused Cementitious Composites," Sep. 09, 2021, *MDPI*. doi: 10.3390/ma14185176.
- [12] Ba Rahma Ahmed, Al-Jaberi Hussein, Dahi Saleh, and Raizal S. M. Rashid, "Influence of Carbon Nanotubes (CNTs) in the Cement Composites," in *IOP Conference Series: Earth and Environmental Science*, Institute of Physics Publishing, Nov. 2019, p. 2. doi: 10.1088/1755-1315/357/1/012024.
- [13] Dinda Arga Putri, "Pengaruh Penggunaan Carbon Nanotube terhadap Kuat Tekan dan Absorpsi Mortar Beton," Universitas Malikussaleh, Lhokseumawe, 2024.
- [14] A. Vijayabhaskar and Shanmugasundaram M, "Usage of Carbon nanotubes and nano fibers in cement and concrete: A review," *Int J Eng Technol*, vol. 9, no. 2, pp. 564–569, Apr. 2017, doi: 10.21817/ijet/2017/v9i2/170902045.
- [15] J. Liu and W. Cao, "Driving Water through Sub-2-Nanometer Carbon Nanotubes," *Lubricants*, vol. 12, no. 6, Jun. 2024, doi: 10.3390/lubricants12060220.
- [16] G. Zhao, G. Wang, J. Song, and Q. Ding, "Water molecular lubrication of PTFE through carbon nanotube," *Tribol Int*, vol. 185, p. 108564, Jul. 2023, doi: 10.1016/j.triboint.2023.108564.

- [17] Y. R. Jeng, P. C. Tsai, C. M. Chang, and K. F. Hsu, "Tribological properties of oil-in-water emulsion with carbon nanocapsule additives," *Materials*, vol. 13, no. 24, pp. 1–12, Dec. 2020, doi: 10.3390/ma13245762.
- [18] Novenda Anden Bimala, "Karakteristik Sistem Niosom Dengan Variasi Konsentrasi SPAN 60 Sebagai Surfaktan Menggunakan Kuersetin Sebagai Model Obat," Universitas Islam Negeri Maulana Malik Ibrahim, Malang, 2017.
- [19] K. Fitri and A. Nursal, "Development of Niosomes for Glucosamine Hydrochloride Delivery: Effect of Surfactant Ratio on Release Profile," *Pharmaceutical Sciences*, vol. 111, no. 5, pp. 1234–1240, 2022.
- [20] R. Kaur and R. Gupta, "The Role of Carboxymethyl Cellulose in Enhancing the Properties of Water-Based Lubricants," *Applied Polymer Science*, vol. 135, no. 10, p. 45895, 2018.
- [21] M. S. Rahman *et al.*, "Recent developments of carboxymethyl cellulose," Apr. 02, 2021, *MDPI AG*. doi: 10.3390/polym13081345.
- [22] L. Zhang and Y. Wang, "Effects of Carboxymethyl Cellulose on the Performance of Water-Based Lubricants," *Tribol Lett*, vol. 67, no. 3, p. 45, 2019.
- [23] M. Gulzar *et al.*, "Tribological Performance of Nanoparticles as Lubricating Oil Additives," *Journal of Nanoparticle Research*, vol. 18, no. 8, pp. 2–42, Aug. 2016, doi: 10.1007/s11051-016-3537-4.
- [24] Ferdy Ridelva, "Pembuatan dan Pengujian Alat Uji Keausan Jenis Pin on Disk," Universitas Andalas, Padang, 2017.
- [25] Gandung Gistianto Suhartono, "Studi Eksperimental Pengaruh Bentuk Pin Contact Surface Terhadap Keausan Dan Volume Aus Pada Pengujian Reciprocating Tribometer," Institusi Teknologi Sepuluh November, Surabaya, 2017.
- [26] I. Syafa'at, "Tribologi, Daerah Pelumasan dan Keausan," *Momentum*, vol. 4, pp. 1–6, Oct. 2008.