

DAFTAR PUSTAKA

- Abeens, M., Brucely, Y., Paulraj, G., & Thilak, M. (2023). Preparation and characterization of Al8011 TiO₂ and nano Graphene hybrid composite mechanical and wear behavior. *Materials Today: Proceedings*.
<https://doi.org/10.1016/j.matpr.2023.04.192>
- Cengel, Y., & Cimbala, J. (2013). *EBOOK: Fluid Mechanics Fundamentals and Applications (SI units)*. McGraw-Hill Education.
<https://books.google.co.id/books?id=LIZvEAAAQBAJ>
- Chen, J., Xi, D., Wang, G., Zhou, M., Hu, Y., & Xie, X. (2025). Numerical Investigation into Particle Migration Characteristics in Hydraulic Oil Filtration. *Processes*, 13(5). <https://doi.org/10.3390/pr13051289>
- Cui, Y., Yang, Y., Xiong, K., Wang, Y., Cao, Q., Li, S., & Zhang, Y. (2026). Pressure drop reduction of filter media for oily aerosol: progress and prospects. *Energy and Buildings*, 352, 116798.
<https://doi.org/10.1016/j.enbuild.2025.116798>
- Donaldson Company, I. (2021). *Engine Liquid Filtration Guide Fuel, Lube and Coolant Filtration Solutions for Heavy-duty Engines, Vehicles and Equipment*. donaldson.com shop.donaldson.com
- Dziubak, T., & Dziubak, S. D. (2020). Experimental Study of Filtration Materials Used in the Car Air Intake. *Materials*, 13(16).
<https://doi.org/10.3390/ma13163498>
- Fox, R. W., McDonald, A. T., & Mitchell, J. W. (2021). *Fox and McDonald's Introduction to Fluid Mechanics, EMEA Edition*. Wiley.
<https://books.google.co.id/books?id=Ws58EAAAQBAJ>
- George E. Totten. (2006). *Handbook of Lubrication and Tribology: Volume I Application and Maintenance, Second Edition, Volume 1* (Vol. 2).
https://books.google.co.id/books?id=Mp4JfIOcxigC&hl=id&source=gbs_book_other_versions_r&cad=3
- Gupta, S., & Babu, T. (2023). Structural analysis and comparison of components of oil filter. *Materials Today: Proceedings*, 90, 292–298.
<https://doi.org/10.1016/j.matpr.2023.07.321>
- Gwidon W. Stachowiak, & Andrew W. Batchelor. (2025). *Engineering Tribology* (5th ed.). <https://doi.org/10.1016/C2024-0-01158-7>
- Hajar, S., Rashid, M., Nurnadia, A., Ammar, M., & Che Man, H. (2017). Filter aids influence on pressure drop across a filtration system. *IOP Conference Series: Materials Science and Engineering*, 206, 012054.
<https://doi.org/10.1088/1757-899X/206/1/012054>

- Haramkar, S. S., Thombre, G. N., Jadhav, S. V., & Thorat, B. N. (2021). The influence of particle(s) size, shape and distribution on cake filtration mechanics—a short review. *Comptes Rendus. Chimie*, 24(2), 255–265. <https://doi.org/10.5802/crchim.84>
- Jalaluddin, J., Akmal, S., & Ishak, I. (2019). Analisa profil aliran fluida cair dan pressure drop pada pipa L menggunakan metode simulasi computational fluid dynamic (CFD). *Jurnal Teknologi Kimia Unimal*, 8(1), 97–108.
- Jokinen, A., Calonius, O., Pietola, M., & Jagan, G. (2019). *Effects of Oil Contamination Level, Flow Rate and Viscosity on Pressure Drop Development and Dirt Holding Capacity of Hydraulic Filter*. <https://doi.org/10.1115/FPMC2019-1631>
- Kamiński, M., Gac, J. M., Sobiech, P., Kozikowski, P., Jakubiak, S., & Jankowski, T. (2022). Filtration of Submicron Soot Particles, Oil Droplets, and their Mixtures on Single- and Multi-layer Fibrous Filters. *Aerosol and Air Quality Research*, 22(3), 210258. <https://doi.org/10.4209/aaqr.210258>
- Komariah, L., Hadiyah, F., Aprianjaya, F., & Nevriadi, F. (2018). Biodiesel effects on fuel filter; assessment of clogging characteristics. *Journal of Physics: Conference Series*, 1095, 012017. <https://doi.org/10.1088/1742-6596/1095/1/012017>
- Li, H., Wang, S., Liu, M., Song, R., Cui, K., & Chang, C. (2025). Study on Filtration Efficiency of Filter Elements for Lubricating Oil Separation. *Processes*, 13(7). <https://doi.org/10.3390/pr13072067>
- Menezes, P., Ingole, S., Nosonovsky, M., Kailas, S., & Lovell, M. R. (2013). Tribology for Scientists and Engineers: From Basics to Advanced Concepts, Springer. In *Berlin* (1st ed.). Springer New York, NY. <https://doi.org/10.1007/978-1-4614-1945-7>
- Meng, Y., Xu, J., Jin, Z., Prakash, B., & Hu, Y. (2020). A review of recent advances in tribology. *Friction*, 8(2), 221–300. <https://doi.org/10.1007/s40544-020-0367-2>
- Moody, L. F. (2022). Friction Factors for Pipe Flow. *Transactions of the American Society of Mechanical Engineers*, 66(8), 671–678. <https://doi.org/10.1115/1.4018140>
- Robert W. Fox, Alan T. McDonald, & John W. Mitchell. (2010). *Fox and McDonald's Introduction to Fluid Mechanics*. 10(10). https://books.google.co.id/books/about/Fox_and_McDonald_s_Introduction_to_Fluid.html?hl=id&id=v4T3DwAAQBAJ&redir_esc=y
- Rojas-Reinoso, E. V., Malla-Toapanta, C., Plaza-Roldán, P., Mata, C., Barba, J., & Tipanluisa, L. (2025). Real-World Fuel Consumption of a Passenger Car

with Oil Filters of Different Characteristics at High Altitude. *Lubricants*, 13(10). <https://doi.org/10.3390/lubricants13100437>

Tian, X., Wei, H., Wang, W., Huang, Y., Wang, H., Pan, J., Wang, R., & Li, Z. (2024). An investigation of the filtration performance and mechanism of oil-solid mixed particles on filter materials with different wettability. *Separation and Purification Technology*, 349, 127903. <https://doi.org/https://doi.org/10.1016/j.seppur.2024.127903>

Wakiru, J., Pintelon, L., Muchiri, P., & Chemweno, P. (2018). A review on lubricant condition monitoring information analysis for maintenance decision support. *Mechanical Systems and Signal Processing*, 118, 108–132. <https://doi.org/10.1016/j.ymssp.2018.08.039>

White, F. M. (2016). *Fluid Mechanics* (8th in SI Units). McGraw-Hill Education.

Zhang, T., Li, J., Wei, A., Huang, J., Li, S., Huan, J., Wang, F., & Wang, H. (2023). Ultra-clean separation of micro-particles in lubricant oil based on short-flow control of mini-hydrocyclone. *Separation and Purification Technology*, 304, 122370. <https://doi.org/10.1016/j.seppur.2022.122370>

Zhou, X., Li, L., Wang, J., Zou, R., Su, T., & Zhang, Y. (2026). Influence of Inner Diameter and Pleat Number on Oil Filter Performance. *Processes*, 14, 426. <https://doi.org/10.3390/pr14030426>