

DAFTAR PUSTAKA

- Bialy, W. (2018). *Management Systems in Production Engineering BREAKDOWN CAUSE AND EFFECT ANALYSIS. CASE STUDY.* 2–6.
<https://doi.org/10.1515/mspe>
- Card, A. J. (2017). *The problem with ‘ 5 Whys .’* 671–677.
<https://doi.org/10.1136/bmjqs-2016-005849>
- Christy, N. A. (2022). Analisis Kerusakan Mesin 3516 B Pada Truk 793 C Berdasarkan Oli Menggunakan Data Keausan Uji Laboratorium Schedule Oil Sampling (Sos) Dengan Metode Failure Mode Effect Analysis (Fmea). *Jurnal Teknik Mesin*, 11(2), 85. <https://doi.org/10.22441/jtm.v11i2.14758>
- Dong, Z., Quan, L., & Yang, J. (2018). *Tracked walking mechanism for large hydraulic excavators.* *Automation in Construction*, 96(November 2017), 88–102.
<https://doi.org/10.1016/j.autcon.2018.09.005>
- Drygin, M. Y., & Kuryshkin, N. P. (2018). Increasing the quality of excavators’ planetary reduction gearboxes on the basis of dimensional analysis and geometrical characteristics of tooth wheels. *Journal of Physics: Conference Series*, 944(1). <https://doi.org/10.1088/1742-6596/944/1/012030>
- Ershadi, M., Aiassi, R., & Kazemi, S. (2018). *Root Cause Analysis* in quality problem solving of research information systems: A case study. *International Journal of Productivity and Quality Management*, 24, 284.
<https://doi.org/10.1504/IJPQM.2018.091797>
- Hassan, I. U., Panduru, K., & Walsh, J. (2024). Review of Data Processing Methods Used in Predictive Maintenance for Next Generation Heavy Machinery. *Data*, 9(5). <https://doi.org/10.3390/data9050069>
- Hutabarat, M. (2023). *Penerapan Perawatan Mesin Excavator Menggunakan Metode Reliability Centered Maintenance Di PT Pelindo I (Persero) Cabang Dumai keandalan peralatan . Perawatan peralatan yang baik berdampak pada penyelesaian (RCM) untuk menentukan jadwal terbaik dan komponen yang perlu diperbaiki . Metode Penelitian lain : 18, 80–90.*
- Jinfei, L., Yinglei, L., Xueming, M., Liang, W., & Jielin, L. (2021). *Fault Tree Analysis Using Bayesian Optimization: A Reliable and Effective Fault Diagnosis Approaches.* *Journal of Failure Analysis and Prevention*, 21(2), 619–630.
<https://doi.org/10.1007/s11668-020-01096-1>
- Ming Tan, C., & Raghavan, N. (2007). *Root Cause Analysis* based maintenance policy. *International Journal of Quality & Reliability Management*, 24(2), 203–228.
<https://doi.org/10.1108/02656710710722293>

- Ng, F., Harding, J. A., & Glass, J. (2016). An eco-approach to optimise efficiency and productivity of a hydraulic excavator. *Journal of Cleaner Production*, 112, 3966–3976. <https://doi.org/10.1016/j.jclepro.2015.06.110>
- Odeyar, P., Apel, D. B., Hall, R., Zon, B., & Skrzypkowski, K. (2022). A Review of Reliability and Fault Analysis Methods for *Heavy equipment* and Their Components Used in Mining. *Energies*, 15(17), 1–27. <https://doi.org/10.3390/en15176263>
- Petrescu, R. V. V., Aversa, R., Apicella, A., & Petrescu, F. I. T. (2016). About the gear efficiency to a simple planetary train. *American Journal of Applied Sciences*, 13(12), 1428–1436. <https://doi.org/10.3844/ajassp.2016.1428.1436>
- Razi, M., Munawir, Abdul. (2025). ANALISIS KERUSAKAN KOMPONEN FINAL DRIVE CATERPILLAR EXCAVATOR 329 DL. 12(1), 81–86.
- Regarding, C., Steering, T. H. E., Drive, L., With, M., Differential, D., & Tracks, F. O. R. (2022). *CONSIDERATIONS REGARDING THE STEERING AND LINEAR DRIVE*. 65(I), 79–84.
- Reid, I., & Smyth-Renshaw, J. (2012). Exploring the Fundamentals of *Root Cause Analysis*: Are We Asking the Right Questions in Defining the Problem? *Quality and Reliability Engineering International*, 28(5), 535–545. <https://doi.org/https://doi.org/10.1002/qre.1435>
- Shehadeh, A., Alshboul, O., Tatari, O., Alzubaidi, M. A., & Hamed El-Sayed Salama, A. (2022). Selection of heavy machinery for earthwork activities: A multi-objective optimization approach using a genetic algorithm. *Alexandria Engineering Journal*, 61(10), 7555–7569. <https://doi.org/10.1016/j.aej.2022.01.010>
- Sheikh, A. Al, Motamen, O. F., & Farooq, S. U. (2024). Additives Depletion by *Water contamination* and Its Influences on Engine Oil Performance. *Tribology Letters*, 72(3), 1–14. <https://doi.org/10.1007/s11249-024-01876-y>
- Sukma, R., Nofriyandi, -, Guswandri, -, & Kurnia, R. P. (2023). Defilement of Oil Quality of *Final drive Rear Right Excavator* in Eleven-Ton Class *Heavy equipment* Due to The Component Wear and Visualization on Website. *International Journal of Advanced Science Computing and Engineering*, 5(3), 269–277. <https://doi.org/10.62527/ijasce.5.3.176>
- Ventikos, N. P., & Sotiralis, P. (2022). *A combined risk-based and condition monitoring approach : developing a dynamic model for the case of marine engine lubrication*. <https://doi.org/10.1093/tse/tdac020>
- Vikky, T., Aisyah, N., Sugiyanto, & Delfian Prihadianto, B. (2026). Failure Analysis of Caterpillar C9 Engine in Hydraulic Drill Unit Due to Fuel Dilution Through

Scheduled Oil Sampling (SOS) Data Evaluation and *Root Cause Analysis* (RCA) Approach. *Journal of Failure Analysis and Prevention*, 26(1), 26–40.
<https://doi.org/10.1007/s11668-026-02376-y>

Wolniak, R., Gajdzik, B., & Grebski, W. (2023). *THE USAGE OF ROOT CAUSE ANALYSIS (RCA) IN INDUSTRY 4 . 0 CONDITIONS 2 . The basics of Root Cause Analysis (RCA) approach.* (190).

Zhu, J., Yoon, J. M., He, D., Qu, Y., & Bechhoefer, E. (2013). *Lubrication Oil Condition Monitoring and Remaining Useful Life Prediction with Particle Filtering.* (2008), 1–15.