

DAFTAR PUSTAKA

- Ashburn, F. (2020). *Managing the Wear of Heavy Construction Equipment Steel Track*. <http://hdl.handle.net/10484/13943>
- Ashburn, F., & Kluse, C. (2018). Analysis of Steel Track *Undercarriage* Wear Based on Geographic Location. *American Journal of Engineering and Applied Sciences*, 11. <https://doi.org/10.3844/ajeassp.2018.359.367>
- ASM International Handbook. (1990). *ASM Handbook Vol 1 Properties and Selection: Irons, Steels, and High-Performance Alloys* (1st ed., Vol. 1, Issue 2521). American Society for Metals Park.
- ASM International Handbook Committee. (1991). *ASM Handbook Vol 4 Heat Treating* (Vol. 4). American Society for Metals Park.
- Basori, I., Pratiwi, W. D., & Dwiyati, S. T. (2019). Effect of Salt quenching on the microstructures and mechanical properties of AISI 1045 steel. *Journal of Physics: Conference Series*, 1402(5). <https://doi.org/10.1088/1742-6596/1402/5/055102>
- Callister, W., & Rethwisch, D. G. (2015). *Fundamentals of Materials Science and Engineering An Integrated Approach* (D. Sayre & L. Ratts (eds.); 5th ed.). WileyPLUS. <https://www.wiley.com/en-us/Fundamentals+of+Materials+Science+and+Engineering%3A+An+Integrated+Approach%2C+5th+Edition-p-x000915149>
- Feng, K., Zhu, Y. S., Ma, X. J., & Xu, G. (2020). Microstructure and mechanical properties of 25MnB and 25CrMnB steels: A comparative study for track shoe applications. *IOP Conference Series: Materials Science and Engineering*, 770(1). <https://doi.org/10.1088/1757-899X/770/1/012049>
- Hang, P. T. (2021). Effects of Heat Treatment Process on Mechanical Properties of Medium Carbon Steel. *Vietnam Journal of Agricultural Sciences*, 4(4), 1283–1292. <https://doi.org/10.31817/vjas.2021.4.4.07>
- Janitra, F. E., Kustanti, C. Y., Aini, N., Octary, T., Fajarini, M., Arifin, H., Putri,

- A. R., & Maf'ula, D. (2024). Jurnal Kesehatan. *Jurnal Kesehatan, Vol. 11 No.* <https://doi.org/https://doi.org/10.35913/jk.v11i2.453>
- John, D., & A Titan Europe Plc Company. (2013). *Undercarriage WEAR AND CARE GUIDE* (1st ed., Issue January). <http://www.capiarts.co.za/wp-content/uploads/2023/01/ITM-Undercarriage-Wear-and-Care.pdf>
- Kim, Y. S., & Chang, K. S. (2015). Impact toughness improvement of an *undercarriage* track shoe using the Taguchi orthogonal array experiment. *Journal of the Korea Academia-Industrial Cooperation Society*, 16(3), 1611–1619. <https://doi.org/10.5762/kais.2015.16.3.1611>
- Nguyen, L. N.-P., Nguyen, H. D., Pham, H. Van, Nguyen, H. Van, & Nguyen, N. H. (2023). Survey of Microstructure after Annealing and Normalizing for C45 Steel with Small Diameter. *International Journal of Latest Engineering and Management Research (IJLEMR)*, 8(10), 36–41. <https://doi.org/10.56581/ijlemr.8.10.36-41>
- Nurjanah, D. A., Kusminah, I. L., Rachmat, A. N., & Nabella, N. (2024). Analisis Penentuan Komponen Kritis Small *Excavator* Menggunakan Metode FMEA dan Diagram Pareto. *Journal of Safety, Health, and Environmental Engineering*, 1(1), 7–15. <https://doi.org/10.33863/jshee.v1i1.19>
- PT United Tractors Tbk. (2006). *KUC PROCEDURE MANUAL*. Jakarta (12th ed., Issue EDITION 12 November).
- PUSBIN SDI Kemen. PU. (2013). *Kajian Rantai Pasok Material Dan Peralatan Konstruksi Dalam Mendukung Investasi Di Bidang Konstruksi Berlanjutan* (Issue November). https://simpk.pu.go.id/dist/publikasi/06__Kajian_Rantai_Pasok_Material_Peralatan_Konstruksi_Berkelanjutan.pdf
- Setiawan, H., Ruskandi, C., & Latif, A. (2024). *Study of Hardening Process of AISI 1045 Steel Material with Variation of Heating Temperature , Media , and Cooling Media Volume for Shaft Application*. 9(3), 560–567.
- Suryo, S. H., & Bayuseno, A. P. (2018). *Material Strength Analysis on Track Shoe*

Excavator Using Abrasive Wear Testing Using Pin-on-Disk Method. 9(6), 4–15.

Suryo, S. H., & Yuniarto, B. (2018). Pengaruh Kekuatan Bahan pada Track Shoe *Excavator* Menggunakan Pengujian Abrasive Wear dengan Metode Ogoshi Universal High Speed Testing. *Rotasi*, 20(1), 5. <https://doi.org/10.14710/rotasi.20.1.5-15>

Tama, B. W., & Rosidah, A. A. (2024). *Influence of Quenching Media and Holding Time on Hardness and Microstructure of AISI 1045.* 14(1).

Valentino, J. M., Pramono, A. S., Syaifudin, A., Agustin, H. K., Shalahuddin, L., Windharto, A., & Sasaki, K. (2024). Enhancing S45C Steel for the Primary Component of an Automatic Coupler Using Quench-Tempering Techniques. *Journal of Applied Engineering Science*, 22(1), 215–222. <https://doi.org/10.5937/jaes0-43988>

Wilujeng, A. D., Fatah, M., & Ulfiyah, L. (2023). Studi eksperimental variasi media pendingin dan holding time tempering terhadap kekerasan material pengganti pin track link excavator 305.5E2. *Turbo : Jurnal Program Studi Teknik Mesin*, 12(1), 23–29. <https://doi.org/10.24127/trb.v12i1.2223>

Zhu, K., Zhu, X., Xu, R., Tong, S., Liang, X., Sun, X., & Yang, C. (2025). Effect of rapid heat treatment on mechanical properties and precipitation behavior of medium carbon low alloy steel. *Journal of Materials Research and Technology*, 35(February), 5730–5745. <https://doi.org/10.1016/j.jmrt.2025.02.206>

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