

Xanthoxenite - $\text{Ca}_4\text{Fe}^{3+}_2(\text{PO}_4)_4(\text{OH})_2 \cdot 3\text{H}_2\text{O}$

Hardness: 2.5. Cleavage: Perfect. Soluble in acids.

References

Mindat: <https://www.mindat.org/min-4347.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/xanthoxenite.pdf>

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for Amateurs, 339 p.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.