





































## 4.2 Recommendations

Lucky nut oil is recommended for use as an organic corrosion inhibitor, it is easy to extract, inexpensive, environmentally friendly, acceptable and poses no threat to the environment as an organic corrosion inhibitor.

## REFERENCES

- [1] Fontana, N.G.(1994), Corrosion Engineering 4<sup>th</sup> Edition Mac Graaw-Hill p. 287.
- Harrop D.(1990), Inhibitors Chemical for Corrosion.
- [2] Small Man, E.C (1985), Modern Physical Metallurgy, 4<sup>th</sup> edition, Butterworth, London. P. 510-520.
- [3] Aku S.Y., O.B.Oloche, D.S Yawas (2005), Investigation of Non-toxic Plant Extracts as Corrosion Inhibitors Pickling Solution. Journal of Corrosion Science and Technology (3) p. 28.
- [4] Cohen, M. (1979), Dissolution of Iron. Corrosion Chemistry, American Chemical society Symposium Series 87p. 143.
- [5] Craig A.O (Editor) 1987, ASM Hand Book Vol.13, ASM International, Materials park Ohio.
- [6] Edward A.(1999), Inhibition of Corrosion Rate On Mild Steel By Use of Organic Oil Samples. Unpublished B.Eng. project Mech.Eng.DeptA.B.U.Zaria.
- [7] Evans, R.V.(1960),The Corrosion and Oxidation of Metals Arnold, Book Publishers London.P. 135.
- [8] The Royal Society of Chemistry, Cambridge Hausler, H.(1979), The Methodology of Corrosion Inhibitor Development for CO<sub>2</sub> Systems, Corrosion 88 paper N0.360 NACE, Houston, Texas.
- [9] Higgins, R.A.(1972), Materials for Engineering Technicians, Hodder and Stoughton p. 246-263.
- [10] Higgins, R.A (1973), Properties of Engineering Materials. Edward Arnold Pub. London P .310.
- [11] Idenyi, N.E, S.I. Neife(2005), The Influence of CaCO<sub>3</sub> Based Surrounding on the Microbial Corrosion Behavior of Buried Steel Pipelines, Journal of Corrosion Science and Technology vol. 3,p. 105-133.
- [12] Landort, D (1993),The Corrosion and Metal Surface Chemistry. Alden press, Oxford. P.129.
- [13] Martinez; S. Metikkos-Hukovic(2003)Dept. of Electrochemistry, University of Zagreb Croatia.
- [14] An introduction to Corrosion and Protection of Metals, ( Chapman and Hall 1985, P. 325).
- [15] Aguji, O. (2001). Cost implication of corrosion prevention. Unpublished work on corrosion and pipeline failure, Port Harcourt refinery.
- [16] Tomshov, N.O. (1966), Basic Corrosion and Oxidation, John Wiley and Sons, New York,2nd edition.
- [17] Wranglem, G. (1972),An Introduction to Corrosion of Metals English Language Book Society.
- [18] Chindo I.Y et al, Production of Biodiesel from Yellow Oleander Oil and its Biodegradability, vol.57, No.3, p. 378.
- [19] Quraishi, M.A and Ansari, F.A (2003), Corrosion Inhibition of Thermal Applied Electro chemistry 33:233, Netherland..
- [20] Yawas, D(2005), Assessment of the Suitability of Some Vegetable Based Oil and Plant Extracts as Corrosion Inhibitor for Oil Field Application, Second Ph.D Seminar, Department of Mechanical Engineering Ahmadu Bello University Zaria, Nigeria.
- [21] Corrosion Principle, Corrosion Control in Petroleum Production ATCP publication No. 5 NACE International Houston Texas.