



## Corrosion Inhibition of Low Carbon Steel in Crude Oil

By Laminu Shettima Kuburi

LAP Lambert Academic Publishing Jan 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - The influence of hydrodynamic conditions on the formation and stability of corrosion inhibitor layer formed on mild steel surface during pipeline transportation process was investigated. The investigation involved the effect on corrosion rate of exposure time and Reynolds number. The investigation showed that in both solutions, the corrosion rate increased with Reynolds number and decreased with exposure time. The results also revealed that the formation and the development of the inhibitor layer in corrosive media are dependent on the respective flow velocities and exposure time. 84 pp. English.



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