Abstract

The mixing of gasoline with ethanol allows increasing his octane number, eliminating the plumb tetra ethyl without using others expensive petroleum components. In that sense, a program of mixing Cuban gasoline with ethanol in a range of 8 to 10 % is being implemented. The paper presents a techno-economical evaluation in the construction of dehidratation module for a Cuban sugar mill, with a sensitivity analysis in order to know the changes in the financial indicators when the amounts of investment in different sections of the project increase. The results mean a valuable element for making decisions in the investment process.

Keywords

Investment projects, financial indicators, sensitivity, risk.