

Accepted Manuscript

Hydrocarbons fuel upgradation in the presence of modified bi-functional catalyst

Muhammad Chawla, Sikander Rafiq, Farrukh Jamil, Muhammad Rashid Usman, Shahzad Khurram, Moinuddin Ghauri, Nawshad Muhammad, Ala'a H. Al-Muhtaseb, Muhammad Aslam



PII: S0959-6526(18)31945-0

DOI: [10.1016/j.jclepro.2018.06.286](https://doi.org/10.1016/j.jclepro.2018.06.286)

Reference: JCLP 13432

To appear in: *Journal of Cleaner Production*

Received Date: 24 January 2018

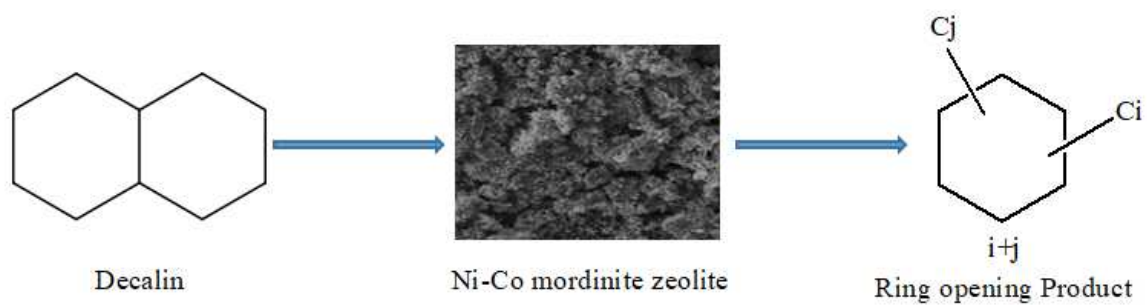
Revised Date: 27 June 2018

Accepted Date: 28 June 2018

Please cite this article as: Chawla M, Rafiq S, Jamil F, Usman MR, Khurram S, Ghauri M, Muhammad N, Al-Muhtaseb Ala'H, Aslam M, Hydrocarbons fuel upgradation in the presence of modified bi-functional catalyst, *Journal of Cleaner Production* (2018), doi: 10.1016/j.jclepro.2018.06.286.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Graphical Abstract



ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8093564>

Download Persian Version:

<https://daneshyari.com/article/8093564>

[Daneshyari.com](https://daneshyari.com)