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Indigenize management solution to Pakistan excess naphtha

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Pakistan is gasoline deficit country (Platt's). Crude oil refineries in Pakistan are contributing 33.6 % to the country gasoline demand. Around a million-metric ton of Naphtha i.e. raw material to produce gasoline was exported during financial year 2014-15, OCAC Pakistan Oil Report (2014-15). Naphtha could not be used as final product due to its lower octane number of 67(max) while the gasoline used in vehicles should have octane number of 87(min). Countries with lower technology advancement opt to produce gasoline either by using blending techniques or by using different additives, Ivanova & Tsigankova, (2011). Russia, Ukraine, China and other countries where the industry does not provide sufficient production of high gasoline fractions are fulfilling their gasoline deficit by using Octane boosters. Technology advancement on the other side, especially in Pakistan, is not only time taking activity but is also an expensive option for crude oil refineries.

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