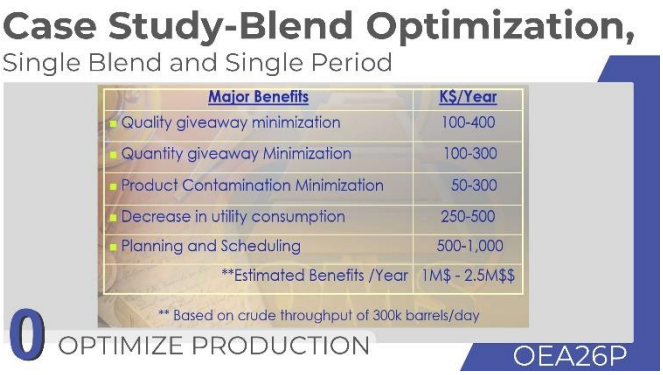

Topic ID	**OEA26T**
Title	**Case Study-Blend Optimization, Single Blend and Single Period**
Category	**O-Optimize Production**
eLearning Level	**Basic**

Introduction

As we have discussed in many topics in the academy about the importance of blend optimization. It saves a refinery millions of dollars per year, which are otherwise lost due to ignoring this tangible benefit or not executing it most efficiently.

There are layers of blend control and optimization system. The first one is the offline blend optimization performed by a planner or blend engineer.

This topic will discuss all required data and their sources before a blend can be optimized offline. This topic will also show a video of actual blend optimization.

Required Data for blend Optimization

1. **Gasoline Blend Stocks data** – First, we need to collect data for the blendstocks as they are the components for the blend. It requires all properties of all blend components such as reformat, FCC, alkylate, butane, MTBE (not used anymore) and toluene, and a few more.

Summary

Options for eLearning this topic

Mode of eLearning	Available?
Free Course	No
Refresher Course	Yes
Pick N Choose (Custom Curriculum)	Yes
Advanced Level Course	Yes
Structured MCOR Curriculum	Yes

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