

## Abstract

Provided are a method and a system for producing a solvent oil from a raffinate oil. The method comprises a hydrogenation reaction of the raffinate oil with a hydrogenation catalyst for removing aromatic hydrocarbons and olefins after desulfurization and dehydration, and a number of  
5 rectifications, so as to acquire the solvent oil. Also provided is a system for implementing the method. The method is suitable for the separation and utilization of raffinate oil with high aromatic hydrocarbon and olefin content, and can improve the added value of the raffinate oil.

(Figure 1)