

Abstract:

The present invention relates to a method for purifying a synthetic crude oil stream (1), the method comprising the following steps:

- Providing the synthetic crude oil stream (1), wherein the synthetic crude oil stream (1) contains diene compounds and has a diene number of at least 0.1 g/100 g;
- Contacting the synthetic crude oil stream (1) with a sulfur stream (2) containing at least one sulfur compound to form a mixture, thereby converting at least a portion of the diene compounds into diene-free products; and
- obtaining therefrom a synthetic crude oil product stream (3), wherein the diene-free products are present in a dissolved state in the synthetic crude oil product stream (3).

The invention also relates to a method for producing a synthetic crude oil product stream (3) from an organic material.