

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 polysulfide stream (2) containing at least one polysulfide compound to form a mixture, thereby converting at least a portion of the diene compounds into diene-free products; and
- separating the diene-free products from the mixture in order to obtain a purified synthetic crude oil stream (3).