

ABSTRACT

A dewaxing process for reducing the cloud point of a hydrocarbon oil feed wherein the hydrocarbon oil feed is contacted with a SSZ-32 zeolitic catalyst under dewaxing conditions to produce a dewaxed product. The zeolitic catalyst has a SSZ-32 zeolite having a mole ratio of silicon oxide to aluminum oxide of from 20:1 to 35:1 and from 0.1% to 0.2% of a palladium/platinum mixture having a palladium to platinum molar ratio of from 1:4 to 4:1. After the palladium/platinum mixture is incorporated into the zeolitic catalyst, it is thermally treated at a temperature at least 370° C. The dewaxing conditions include a temperature of from 340° C to 400° C, a pressure of from 200 psig to 3000 psig, a liquid hourly space velocity of from 0.4 hr⁻¹ to 2 hr⁻¹, and a hydrogen recycle rate from 500 SCFB to 10,000 SCFB.