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(54) Title: PRODUCTION OF HIGH VISCOSITY LUBRICATING OIL STOCK WITH IMPROVED ZSM-5 CATALYST

(57) Abstract: The present invention is a process for producing a high viscosity index and low pour point lubricating oil base stock which comprises catalytically converting a hydrotreated hydrocarbon lube oil feedstock containing waxy paraffins in the presence of hydrogen and in the presence of a low acidity ZSM-5 catalyst having a highly dispersed noble metal component. The ZSM-5 catalyst is subjected to controlled acidity reduction to an alpha value below 15 prior to incorporation of the noble metal component.