

UPGRADING OF FISCHER-TROPSCH HEAVY END PRODUCTS

ABSTRACT

High silica to alumina ratio zeolite beta modified with boron, tin, lead or indium and combined with a hydrogenation/dehydrogenation component is used to convert Fischer-Tropsch heavy end products which may contain paraffins, olefins and oxygenates into low pour point distillates with high cetane number and extra high VI lube is described. The lube can be dewaxed by a conventional solvent process, by a catalytic process, or by increasing the severity of the hydroisomerization step.

