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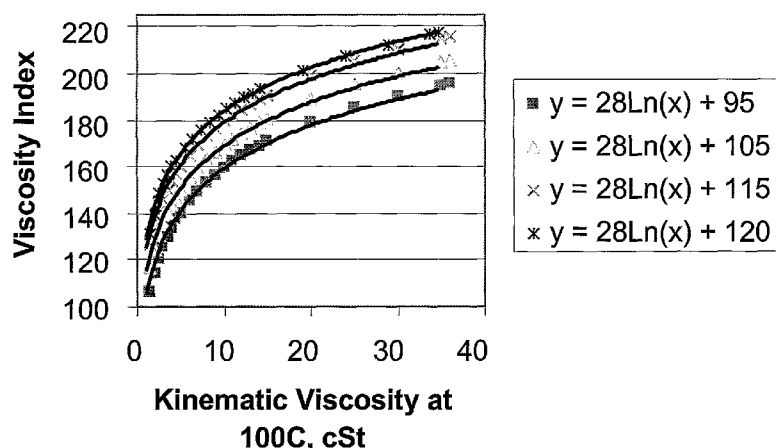
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(54) Title: WHITE OIL FROM WAXY FEED USING HIGHLY SELECTIVE AND ACTIVE WAX HYDROISOMERIZATION CATALYST

Viscosity Index of White Oils



(57) Abstract: A composition of white oil having a kinematic viscosity at 100° C between about 1.5 cSt and 36 cSt, a viscosity index greater than an amount calculated by the equation: Viscosity Index = 28 x Ln(the Kinematic Viscosity at 100° C) +105, less than 18 weight percent of molecules with cycloparaffin functionality, a pour point less than zero degrees C, and a Saybolt color of +20 or greater. Also, a composition of white oil having a kinematic viscosity at 100° C between about 1.5 cSt and 36 cSt, a viscosity index greater than an amount calculated by the equation: Viscosity Index = 28 x Ln(the Kinematic Viscosity at 100° C) +95, between 5 and less than 18 weight percent of molecules with cycloparaffin functionality, less than 1.2 weight percent molecules with multicycloparaffin functionality, a pour point less than zero degrees C, and a Saybolt color of +20 or greater.

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