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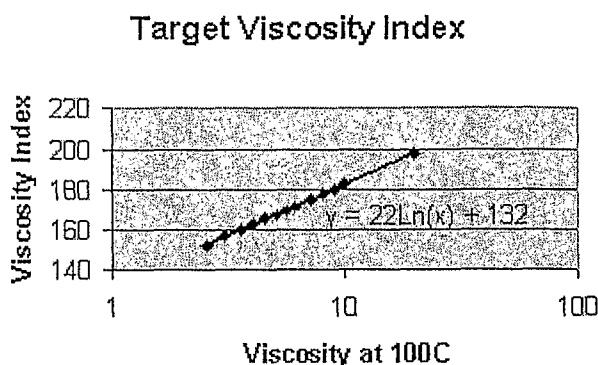
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(54) Title: LUBRICANT BASE OILS WITH OPTIMIZED BRANCHING



(57) **Abstract:** The present invention relates to lubricant base oils comprising paraffinic hydrocarbon components having optimized branching. These lubricant base oils comprising paraffinic hydrocarbon components with optimized branching have low amounts of branching overall with the branching concentrated toward the center of the lubricant base oil molecules. The present invention also relates to processes of producing these lubricant base oils from waxy feeds and commercial finished lubricants comprising these lubricant base oils.