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(54) Title: POLYOLEFINS FROM NON-CONVENTIONAL FEEDS

(57) Abstract: Polyolefins made in accordance with the present invention are produced by polymerizing an unsaturated olefin or combination of unsaturated olefins to produce an unsaturated polyolefin, isomerizing the unsaturated polyolefin in the presence of an acid catalyst under conditions to produce a substantially unsaturated-isomerized polyolefin, and hydrogenating the unsaturated-isomerized polyolefin to produce a saturated isomerized polyolefin. A lube oil comprising the inventive saturated isomerized polyolefin is also disclosed.

