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(54) **STAR POLYMER LUBRICATING COMPOSITION**

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(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

The invention provides a lubricating composition containing (a) a polymer derived from greater than 50 wt % or more of a non-diene monomer, wherein the polymer has a weight average molecular weight of about 2000 to about 200,000, and wherein the polymer has a shear stability index of about 0 to about 25; (b) a phosphorus-containing acid, salt, or ester; (c) an extreme pressure agent, other than a phosphorus-containing acid, salt, or ester; and (d) an oil of lubricating viscosity. The invention further provides a method for lubricating a mechanical device with the lubricating composition.

18 Claims, No Drawings