

ABSTRACT**VISCOSITY INDEX IMPROVERS FOR LUBRICATING OIL****COMPOSITIONS**

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Polymers suitable for use as a viscosity index improver for lubricating oil compositions including hydrogenated linear polymers characterized by the formula:



and hydrogenated star polymers characterized by the formula:

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wherein D' represents an "outer" block derived from diene having a number average molecular weight of from about 10,000 to about 120,000 daltons; PA represents a block derived from monoalkenylarene having a number average molecular weight of from about 10,000 to about 50,000 daltons; D'' represents an inner random derived from diene having a number average molecular weight of from about 5,000 to about 60,000 daltons; n represents the average number of arms per star polymer formed by the reaction of 2 or more moles of a polyalkenyl coupling agent per mole of arms; and X represents a nucleus of a polyalkenyl coupling agent.

20 No Figure