

Title (en)

LUBRICANTS WITH PHOSPHORUS FUNCTIONALIZED POLYMERS

Title (de)

SCHMIERMITTELZUSAMMENSETZUNG MIT PHOSPHORFUNKTIONALISIERTEN POLYMEREN

Title (fr)

LUBRIFIANTS AVEC POLYMERS PHOSPHORISES

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Application

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Abstract (en)

[origin: CA2837001A1] The present invention relates to a lubricant composition comprising at least one polyalkyl (meth)acrylate, comprising repeating units derived from (meth)acrylates having 6 to 22 carbon atoms in the alcohol residue, the polyalkyl (meth)acrylate comprising repeating units derived from ethylenically unsaturated monomers having at least one covalently bonded phosphorus atom. The present invention further describes a polyalkyl (meth)acrylate which is suitable for a lubricant composition of this kind, and also describes the use of a polyalkyl (meth)acrylate having repeating units derived from ethylenically unsaturated monomers having at least one covalently bonded phosphorus atom, for the purpose of reducing friction.

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