

**COMPOSITION AND METHOD FOR PREVENTING OR REDUCING LOW SPEED
PRE-IGNITION IN SPARK-IGNITED INTERNAL COMBUSTION ENGINES**

ABSTRACT

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Fuel and lubricant compositions are provided that contain a primary low-speed pre-ignition (LSPI)-reducing additive comprising (i) an amino additive, (ii) an amine additive, (iii) a triazole additive, (iv) a benzamidine additive, (v) a benzoxazole additive, or (vi) a N=C-X motif additive. Methods for preventing or reducing low speed pre-ignition events in spark-ignited engines using these compositions are also provided.

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[No figure]