

Title (en)  
SHEAR STABLE LUBRICATING COMPOSITIONS

Title (de)  
SCHERSTABILE SCHMIERMITTELZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS LUBRIFIANTES STABLES AU CISAILLEMENT

Publication  
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Application  
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Abstract (en)  
[origin: WO9534617A1] This invention relates to shear stable lubricating compositions, particularly multigrade oils for crankcase lubrication of gasoline and diesel engines. Multigrade crankcase oils are formulated with an ashless dispersant comprising an oil soluble polymeric hydrocarbon backbone having functional groups in which the hydrocarbon backbone is derived from an ethylene alpha-olefin (EAO) copolymer or alpha-olefin homo- or copolymer having an <o>M</o>n of from 500 to 7000. They provide better fuel economy and better starting at cold temperatures. More economical multigrade crankcase oils may also be blended with less shear stable VMs for improved economy, with a possibility of employing a wider range of polymers. Oils may be blended having extremely good oil shear stability for the most demanding applications where high performance is required such as in turbocharged engines and racing engines, with reduced mechanical breakdown of the oil.

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C-Set (source: EP)  
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