

Title (en)
HIGH VISCOSITY-INDEX BASE STOCKS, BASE OILS AND LUBRICANT COMPOSITIONS AND METHODS FOR THEIR PRODUCTION AND USE

Title (de)
EINEN HOHEN VISKOSITÄTSINDEX AUFWEISENDE GRUNDSTOFFE, GRUND LEUND SCHMIERSTOFFZUSAMMENSETZUNGEN UND VERFAHREN ZU IHRER HERSTELLUNG UND VERWENDUNG

Title (fr)
HUILES DE BASE A INDICE DE VISCOSITE ELEVE, HUILES DE BASE ET COMPOSITIONS POUR LUBRIFIANTS ; PROCEDES DE FABRICATION ET UTILISATION

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Application
EP 03773184 A 20031007

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Abstract (en)
[origin: WO2004033606A1] This invention relates to base stocks and base oils that exhibit an unexpected combination of high viscosity index (130 or greater) and a ratio of measured-to-theoretical high-shear/low-temperature viscosity at -30C or lower and the methods of making them. Specifically, the present invention relates to low-volatility / low-viscosity lubricant base stocks, lubricant base stocks and base oils, formulated lubricant compositions or functional fluids comprising these base stocks and methods of making them. More particularly, this invention relates to lubricant compositions of low-temperature flow capability and low viscosity for passenger car motor lubricants of SAE OW-XX grade (where XX = 40 or lower), methods for optimizing fuel economy using the same, and methods or processes to produce them.

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