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(54) Title: ENHANCEMENT OF LOW TEMPERATURE PERFORMANCE OF GROUP III BASE STOCKS BY BLENDING WITH HVI-PAO

(57) Abstract: A lubricating oil formulation is disclosed inhibiting a pour point of about -45°C or lower and a Brookfield viscosity at -40°C of about 60,000 cP or less comprising a mixture of a base stock selected from the group consisting of a Group III base stock, a GTL base stock, synthetic and natural waxy hydrocarbon hydroisomerate base stock, and mixtures thereof in combination with HVI-PAO. Also disclosed is a method for reducing the pour point and enhancing the -40°C Brookfield viscosity performance of a lubricating oil comprising a base stock selected from the group consisting of Group III base stock, GTL base stock, synthetic and natural waxy hydrocarbon hydroisomerate base stock, and mixtures thereof by adding HVI-PAO to such base stock.



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