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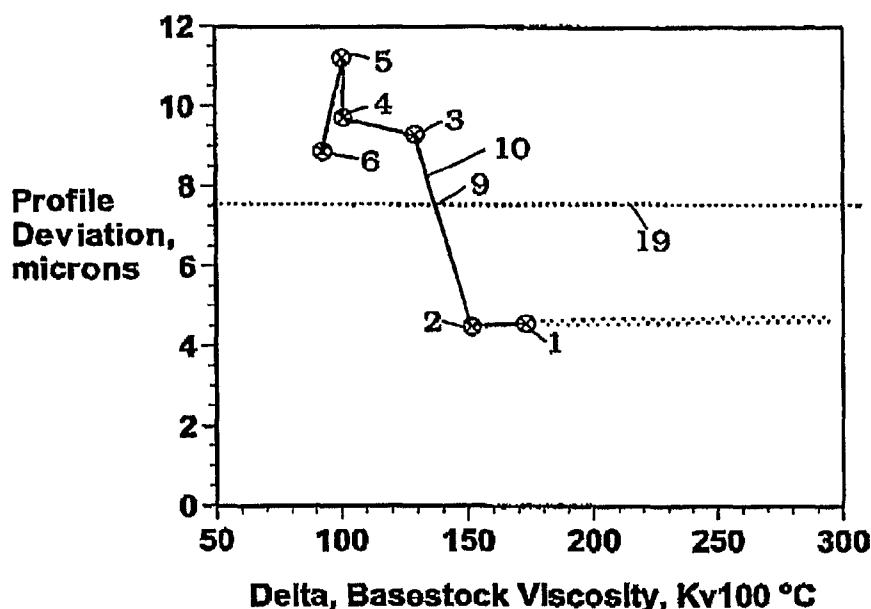
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(54) Title: NOVEL BASE STOCK LUBRICANT BLENDS FOR ENHANCED MICROPITTING PROTECTION



(57) Abstract: A lubricant formulation and method of blending a lubricant formulation is disclosed. The lubricant formulation comprises at least two base stocks. The first base stock comprises a viscosity greater than 100 cSt, Kv100°C. The second base stock comprises a viscosity less than 10 cSt, Kv100°C. The lubricant formulation provides excellent micropitting protection for gears including large gears that are used in wind turbines. In addition, the lubricant may also have a viscosity greater than 38 cSt (Kv 100°C), a viscosity index greater than 161 and micropitting protection level of a FVA 54 micropitting Test Fail Load Stage greater than 10.

WO 2006/133293 A1



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