

**Abstract**

**New Viscosity Index Improvers with defined Molecular Weight Distributions**

The present invention is directed to polyalkyl(meth)acrylate based comb polymers with weight-average molecular weights of 700.000 g/mol or greater and number-average molecular weights of  
5 130.000 g/mol or greater, their preparation, lubricant compositions comprising such comb polymers and their use to improve the high temperature-high shear performance of lubricant compositions, especially of engine oil (EO) compositions.

(No drawing to be published)