

**ABSTRACT**

**VISCOSITY INDEX IMPROVER CONCENTRATES**

5           A viscosity index improver containing, in diluent oil, one or more optionally  
functionalized linear block copolymers having at least one block derived from alkenyl  
arene covalently linked to at least one block derived from diene in an amount that is  
greater than the critical overlap concentration ( $c_h^*$ ), in mass%, for the linear block  
copolymers in the diluent oil; and ester base stock and/or at least one star (or radial)  
10   polymer, the star polymer being present in an amount such that the  $c/c_h^*$  value of the  
star polymer in the concentrate falls within the range of from 0.01 to about 1.6,  
wherein  $c$  is the concentration in mass% of star polymer in the concentrate and  $c_h^*$  is  
the critical overlap concentration in mass% for the star polymer in the diluent oil used  
to form the concentrate.

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[Figure 1]