

TRIBLOCK COPOLYMER CONCENTRATES
FOR LUBRICATING OIL COMPOSITIONS

ABSTRACT

A VM concentrate comprising: from about 60 to about 95 parts (and at least 50 wt%) of a diluent oil (*e.g.*, having a KV100 of about 2 cSt to about 40 cSt); and from about 5 parts to about 40 parts (and at least 6.0 wt%) of a linear triblock copolymer characterized by the formula: D'-PA-D''; wherein D' represents a block derived from diene, PA represents a block derived from monoalkenyl arene, D'' represents a block derived from diene, and the linear triblock copolymer is present in an amount effective to modify a lubricating kinematic viscosity at approximately 100°C (KV100) of the concentrate, and wherein the KV100 of the concentrate is about 3000 cSt or less. The linear triblock copolymer may additionally or alternatively have a thickening efficiency span of at most 0.5.

No figure