

ABSTRACT**Oil anti-foulant and/or asphaltene agglomeration process**

Fouling and/or asphaltene agglomeration (or flocculation) in midstream processes and transportation and in upstream transportation of a hydrocarbon oil is reduced by providing in the oil an additive combination comprising;

- (A) a polyalkenyl-substituted carboxylic acid or anhydride, and
- (B) a metal detergent system comprising a hydrocarbyl-substituted hydroxybenzoate metal salt or a hydrocarbyl-substituted sulfonate metal salt or a mixture of both salts or a complex thereof,

where the mass:mass ratio of (A) to (B) is in the range of 20:1 to 1:20 and the treatment rate of the additive is in the range of 5 to 10000 ppm by mass.

No Figure