

ABSTRACT

Hydrocarbon marine fuel oil

A liquid hydrocarbon marine fuel oil comprises a marine distillate fuel or a heavy fuel oil or a blend thereof containing an additive combination comprising:

(A) a polyalkenyl-substituted carboxylic acid or anhydride, and

(B) a metal hydrocarbyl-substituted hydroxybenzoate and/or sulfonate detergent,

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

No Figure