

Title (en)
PRODUCTION AND USE OF PARAFFIN INHIBITOR FORMULATIONS

Title (de)
HERSTELLUNG UND VERWENDUNG VON PARAFFININHIBITORFORMULIERUNGEN

Title (fr)
PRÉPARATION ET UTILISATION DE FORMULATIONS D'INHIBITEURS DE PARAFFINES

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Abstract (en)
[origin: WO2008125588A1] The present invention relates to a method for the production of a paraffin inhibitor formulation, comprising the following steps: (a) producing a mixture containing (i) a wax-like paraffin inhibitor component having a melting point of > 0°C, (ii) an emulsifier component, and (iii) optionally water at a temperature in a first temperature range, wherein the first temperature range is higher than the melting point of the component (i), and wherein the optionally present water produces an w/o emulsion and has a weight proportion that is lower than the sum of the weight proportions of the components (i) and (ii); (b) adding water to the mixture, wherein after the water has been completely added an o/w emulsion is present; (c) cooling the o/w emulsion from step (b) to a temperature in a second temperature range, which is lower than the melting point of the component (i); and (d) optionally adding an organic solvent component (iv), which can be mixed at least partly with water and in which the paraffin inhibitor component is not soluble. The present invention further relates to formulations that can be obtained from a production method, and to the use and application for paraffin inhibitors/solidification point reduction of crude oil or crude oil raffinates.

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