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ABSTRACT OF THE INVENTION

METHOD FOR CLEANING HEAVY HYDROCARBON SCALE ADHERED TO EQUIPMENT AND PIPING STRUCTURE FOR CLEANING

The present invention relates to a method for cleaning heavy hydrocarbon scale from a shell and tube heat exchanger or other such equipment incorporated in a device in a petroleum refining plant or the like that processes petroleum hydrocarbons as a raw material. A mixture of petroleum-derived hydrocarbon A which can dissolve the oil component of the heavy hydrocarbon scale and an oxygen-containing polar organic compound B that promotes dissolution and dispersion is employed as the organic cleaning solvent. As a result, the heavy hydrocarbon scale can be removed with surety within a short period of time at low cost.

(Figure 3)