

ABSTRACT**SEPARATION MEMBRANE MODULE FOR OIL-CONTAINING WASTEWATER TREATMENT, OIL-CONTAINING WASTEWATER TREATMENT METHOD, AND OIL-CONTAINING WASTEWATER TREATMENT APPARATUS**

Provided is a separation membrane module which is suitable for filtration of oil-containing wastewater. The separation membrane module for oil-containing wastewater treatment separates water-insoluble oil from oil-containing wastewater that has high turbidity and/or high temperature. The separation membrane module for oil-containing wastewater treatment is characterized by using a hollow fiber membrane which is composed of an alkali-resistant porous membrane selected from polytetrafluoroethylene (PTFE), polysulfone (PSF), and polyether sulfone (PES) and which has a tensile strength of 30 N or more, and characterized in that each of the hollow fiber membrane and an end-sealing member of the hollow fiber membrane has a heat distortion temperature of 100°C or higher.

Figure 1