

ABSTRACT

Carrying Method of Crude Oil and Naphtha by
Dirty/Crude Oil Carrier, and Transfer Method of
the Crude Oil and Naphtha from the Carrier

To provide a transfer method of crude oil and naphtha, in which one piping is used to transfer the naphtha and crude oil to a storage tank from a carrying tank in batches.

To use a piping 53 to transfer a naphtha 3 to tanks 6 for the naphtha from inboard tanks 11, a method comprises: connecting the piping 53 to the tanks 4 for the crude oil; calculating the amount of the crude oil 2 remaining in the piping 53 beforehand; discharging the naphtha 3 from the inboard tanks 11; measuring the discharge amount; and stopping the discharge of the naphtha 3, changing to the tanks 4 for the crude oil, and restarting the discharge of the naphtha 3 based on a flow analysis of a mixed fluid 7 including the crude oil 2 and naphtha 3 in the piping 53, when the discharge amount of the naphtha 3 is substantially the same as the pre-calculated amount of the remaining crude oil 2.

Fig. 1