

【ABSTRACT】

The present invention relates to a system for flushing pipe using microbubbles and a method therefor, wherein microbubbles are generated inside oil, thereby improving the ability to move and discharge foreign substances inside the pipe. The flushing system comprises: an oil tank for storing oil; a pipe system connected to the oil tank by means of a pipe to circulate the oil by means of the operation of a main pump; a microbubble generator connected to at least any one of the oil tank and the pipe system to generate the microbubbles in the pipe along which the oil flows and in the oil tank and thus to inject the microbubbles into the pipe; a water remover connected to the oil tank to remove the microbubbles and water from the oil; and a particle remover connected to the oil tank to remove microbubbles and foreign substances from the oil by means of electric precipitation. The flushing method according to the present invention comprises the steps of: generating microbubbles by a microbubble generator and injecting the same into a pipe, in which oil discharged from an oil tank moves; connecting a water remover to the oil tank and thereby removing microbubbles and water included in the oil that flows from the oil tank to the pipe; and connecting a particle remover to the oil tank and thereby removing microbubbles and foreign substances included in the oil.