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(54) MACHINE FLUID SENSOR AND METHOD

(57)

A method for analyzing a fluid contained within a machine, comprising the steps of providing a machine system (100) including a passage (104) for containing a fluid; placing a sensor (106) including a mechanical resonator in the passage; operating the resonator to have a portion thereof translate through the fluid; and monitoring the response of the resonator to the fluid in the passage. One specific sensor includes a tuning fork resonator.

