Machine Oiling Automation

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Abstract: *Manufacturing industry has always been well-known for the frequent use of heavy machineries. To facilitate easy functioning and to use the machines to its fullest potential, lubrication is performed which increases the precision of the final product. In today's world, lubricants may have many uses, but its primary function is to reduce friction between two mechanical parts. This decreases wear and tear, lowers operating temperatures, prevents metal surface corrosion, and ensures smooth operation. This frequently neglected important job by technicians, if automated using IoT, will ensure the timely care of machines for a longer lifespan. Scheduling the operation of machine oiling as and when required by using Raspberry Pi for the same will help us achieve this goal.*

Keywords: IoT, Automation, Raspberry Pi, Scheduling, etc.

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