Example 5.5

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Monitor pump run time

0000

Pump 1 run status
P1_STAT
I:1/7

Monitors each hour
of P1 run time
P1_HR_TIC

RTO
Retentive Timer On
Timer T4:7
Time Base 1.0
Preset 3600<
Accum 0<
EN
DN

0001

Monitors each hour
of P1 run time
P1_HR_TIC/DN
T4:7/DN

Tracks number of
hours P1 runs
P1_TH_CTR

CTU
Count Up
Counter C5:0
Preset 1000<
Accum 0<
CU
DN

Monitors each hour
of P1 run time
P1_HR_TIC
T4:7
RES

0002

Tracks number of
hours P1 runs
P1_TH_CTR/DN
C5:0/DN

Pump 1 running for
1000 hours and needs
maintenance
P1_MAINT
B3/103

0003

Pump 1 maintenance
indication reset
P1_MT_RES
B3/104

Monitors each hour
of P1 run time
P1_HR_TIC
T4:7
RES

Tracks number of
hours P1 runs
P1_TH_CTR
C5:0
RES

0004

END

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