

Motore Yamaha 250hp
Save date,October 20 2012,
ECM No.:60V8591A02,

Diagnosis,
,Code,Item,Result,Condition,
,13,Pulser coil,Normal,,
,14,Crank position sensor,Normal,,
,15,Water temp sensor,Normal,,
,18,Throttle position sensor,Normal,,
,19,Battery voltage,Normal,,
,22,Atmospheric press sensor,Normal,,
,23,Intake temp sensor,Normal,,
,25,Fuel press sensor,Normal,,
,26,Injector,Normal,,
,27,Water in fuel,No,,
,28,Shift position switch,Normal,,
,44,Engine stop lanyard switch,Off,,

Diagnosis Record,
,Total hours of operation,24,
,Code,Item,Occurred,
,,Diagnosis Record is unavailable.,

Engine Record,
,Item,Result,Unit,Occurred,
,Engine speed maximum,5850,r/min,24.7,
,Fuel pressure minimum,0.02,MPa,24.7,
,Over rev.control record,3,Times,
,Overheat record,1,Times,

Engine Monitor,
,Monitor Item,Result,Unit,
,Engine speed,0,r/min,
,Fuel pressure (7.0±1.5),6.17,MPa,
,Fuel pressure (1015±217),894.92,psi,
,Atmospheric pressure,1016.7,HPa,
,Atmospheric pressure,30.1,inHg,
,Ignition timing,-,deg,
,Battery voltage (12-16),11.94,V,
,TPS voltage (0.5-4.5),0.58,V,
,Throttle valve opening (0-90),1.6,deg,
,Fuel injection duration,0.00,ms,
,Water temperature (below 90),52.7,°C,
,Water temperature (below 194),126.8,°F,
,Intake temperature (below 70),23.0,°C,

,Intake temperature (below 158),73.4,°F,
 ,Electric oil pump,-,,
 ,Firing of cylinder #1,No,,
 ,Firing of cylinder #2,No,,
 ,Firing of cylinder #3,No,,
 ,Firing of cylinder #4,No,,
 ,Firing of cylinder #5,No,,
 ,Firing of cylinder #6,No,,
 ,Starter switch,OFF,,
 ,Engine stop lanyard switch,OFF,,
 ,Main switch,ON,,
 ,Shift position switch,ON,,
 ,Water detection switch,OFF,,
 ,Oil level switch (remote tank),ON,,
 ,Oil level switch1(engine tank),OFF,,
 ,Oil level switch2(engine tank),OFF,,
 ,Oil level switch3(engine tank),OFF,,
 ,Water temp switch (overheat),OFF,,
 ,Dual engine system switch,OFF,,
 ,Shift cut-off switch,OFF,,

Data Logger[Engine operating hours according to engine speed],

,Engine speed,Time[h],
 ,- 1000 r/min,9.9,
 ,1000 - 2000 r/min,1.4,
 ,2000 - 3000 r/min,1.0,
 ,3000 - 4000 r/min,10.6,
 ,4000 - 5000 r/min,1.9,
 ,5000 - 6000 r/min,0.0,
 ,6000 - 7000 r/min,0.0,
 ,Total hours of operation,24,

Data Logger[Data comparison graph],

,Engine speed[r/min],Fuel pressure (7.0±1.5)[MPa],Battery voltage (12-16)[V],TPS voltage (0.5-1.0)[V],
 ,650,6.66,13.99,0.59,50.5,
 ,600,6.66,13.70,0.59,52.3,
 ,1400,6.76,14.06,1.07,52.0,
 ,5450,6.95,13.77,3.96,52.7,
 ,5500,6.61,13.77,3.96,53.0,
 ,1550,6.81,13.99,1.13,54.5,
 ,1150,6.66,13.92,0.92,54.5,
 ,650,6.61,13.33,0.59,54.0,
 ,750,6.61,13.62,0.59,53.0,
 ,1800,7.00,14.06,0.82,38.0,
 ,750,6.71,14.14,0.59,52.3,
 ,750,6.61,14.06,0.59,55.5,

,1000,6.76,14.14,0.59,28.0,
,850,6.71,14.06,0.59,44.3,
,750,6.61,13.99,0.59,59.3,
,750,6.71,13.99,0.57,64.0,
,800,6.66,13.84,0.57,71.5,
,750,6.71,13.77,0.57,75.0,
,750,6.66,13.77,0.57,79.0,
,1550,6.71,13.92,0.74,78.0,
,1450,6.81,13.84,0.57,78.0,
,1550,6.76,13.92,0.72,78.0,
,800,6.66,13.77,0.57,78.5,
,750,6.66,13.77,0.57,79.0,
,800,6.56,13.77,0.57,79.5,
,800,6.66,13.77,0.57,80.0,
,850,6.66,13.92,0.57,80.0,
,800,6.71,13.92,0.57,80.5,
,650,6.07,12.82,0.57,80.5,

Effettuato cambio olio piede e guarnizioni tappi di ispezione e carico/scarico olio

Effettuato pulizia e lubrificazione degli iniettori

Effettuato ingrassaggi anche dietro elica

Effettuato accensione motore con benzina e additivi

Effettuato pulizia e lubrificazione generale

5-4.5)[V],Water temperature (below 90)[°C]