Northwest Automatic Lubrication
GC Block schematic for:
CAT 160M2 motor grader
w/ Henke wing and UV plow

Pumping unit - GCTP1100032
cc/minute - 3.2

Points - 61
On - Time minutes - 10:30
Off - Time minutes - 30:00

4/22/14 gc014

Plug
Check Valve
Side Bridge
Front Bridge
* Port Plug Removed

Block Numbering for a 6/12 Block

Note:
Blocks that have a block plug, may exit from either side.

Pump

Return to reservoir

Tee

TSs-TSs

QD

L-MSBP-1

EM10

TS45-TS

TSs-TS

Left Machine Block 10/20

Steer cyl pin EM10
Left drag link SM10, 1/4unf x 1/8npt E, S-jic
Upper king pin SM10, E-jic
Front lean bar pin SM10, 45-jic
Lean bar pin SM10, E-jic
Upper articulation bearing EM10
Table lift cyl. rod end SM10, S-npt sw, 1/8 Strt L
Swing cyl. rod end SM10, E-jic sw, 1/8 strt. L
Front axle, rear pivot SM10, S-jic
Front axle, front pivot SM10, S-jic

Lower king pin SM10, E-jic
Rear lean bar pin SM10, 45-jic
Steer cyl. rod end 1/4unf x 1/8npt S, E banjo, S-jic
Lower articulation bearing EM10

54" SW
48" SW

Machine Front

Left Transition Block

28" 28" 43" 50" 66" 48" 59" 49" 80"

4/8 Primary Block

Right Machine Block 9/18

Steer cyl. pin EM10
Upper king pin SM10, E-jic
Front lean bar pin SM10, 45-jic
Lean bar pin SM10, E-jic
Lean cyl. pin EM10, ext. 18mm
Steer cyl. rod end SM10, EM10 banjo, S-jic
Table cyl rod end SM10, S-npt sw, 1/8 strt. L

Table support ball EM10
Lower king pin SM10, E-jic
Rear lean bar pin SM10, 45-jic
Lean cyl. rod end SM10, E-jic
Drag link SM10, 1/4unf x 1/8npt, S-jic
Table gear box Sq M10, SM10
Swing cyl. pin SM10, S-npt sw, 1/8 strt. L

Right Transition Block

17 15 14 6 9 16 5 7

78" 52" 64" 55" 72" 48" 55" 46"

Machine Front

10 19

69" SW 41"

Coupler Block 6/12

Right cyl. mount SM10, 1/4unf x 1/8 npt E, TSs-TS
Upper front right pin 1/4unf x 1/8npt E, SM10, TSs-TS
Upper rear right pin 1/4unf x 1/8npt E, SM10, TSs-TS
Lower front right pin 1/4unf x 1/8npt E, SM10, TSs-TS
Lower rear right pin 1/4unf x 1/8npt E, SM10, TSs-TS
Coupler lift cyl. rod end 1/4unf x 1/8npt E, SM10, TSs-TS

Left cyl. mount SM10, 1/4unf x 1/8 npt E, TSs-TS
Upper front left pin 1/4unf x 1/8npt E, SM10, TSs-TS
Upper rear left pin 1/4unf x 1/8npt E, SM10, TSs-TS
Lower left right pin 1/4unf x 1/8npt E, SM10, TSs-TS
Lower rear left pin 1/4unf x 1/8npt E, SM10, TSs-TS

Rear Wing Block 3/6

Rear front upper SM10, E 1/4unf LP, TSs-TS
Rear front lower SM10, ST-26, WB-2, TSs-TS
Rear rear middle SM10, E 1/4unf LP, TSs-TS

Rear front middle SM10, E 1/4unf LP, TSs-TS
Rear rear upper SM10, E 1/4unf LP, TSs-TS
Rear rear lower SM10, E 1/4unf LP, TSs-TS

Front Wing Block 4/8

Top upper front wing mount SM10, E 1/4unf LP, TSs-TS
Top lower front wing mount SM10, E 1/4unf LP, TSs-TS
Bottom upper front wing mount SM10, E 1/4unf LP, TSs-TS
Bottom lower front wing mount SM10, E 1/4unf LP, TSs-TS

Plow Block 6/12

Right plow cyl. pin EM10, TSs-TS
Right plow cyl. rod end EM10, TSs-TS
Right # 1 (top) plow pivot 1/4unf x 1/8npt 45, SM10, TSs-TS
Right #2 plow pivot 1/4unf x 1/8npt 45, SM10, TSs-TS
Right #3 plow pivot 1/4unf x 1/8npt 45, SM10, TSs-TS
Right #4 plow pivot 1/4unf x 1/8npt S, SM10, TS45-TS

Left plow cyl. pin EM10, TSs-TS
Left plow cyl. rod end EM10, TSs-TS
Left # 1 (top) plow pivot 1/4unf x 1/8npt 45, SM10, TSs-TS
Left #2 plow pivot 1/4unf x 1/8npt 45, SM10, TSs-TS
Left #3 plow pivot 1/4unf x 1/8npt 45, SM10, TSs-TS
Left #4 plow pivot 1/4unf x 1/8npt 45, SM10, TSs-TS