

TECH TIPS

Service Call:

Fluids & Capacities

Tools Needed:

N/A

Model:

All 6K-10K



Tech Tips Safety Rules



Danger

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury. Many of the hazards identified in the operator's manual are also safety hazards when maintenance and repair procedures are performed.

Do Not Perform Maintenance Unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - manufacturer's instructions and safety rules
 - employer's safety rules and worksite regulations
 - applicable governmental regulations
- You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this tech tip is a supplement to the service manual. Consult the appropriate service manual of your machine for safety rules and hazards.

Step 1

Rev 3

Two frame leveling cylinders



Step 2

Rev 4

One frame leveling cylinder



Step 3

(All models)

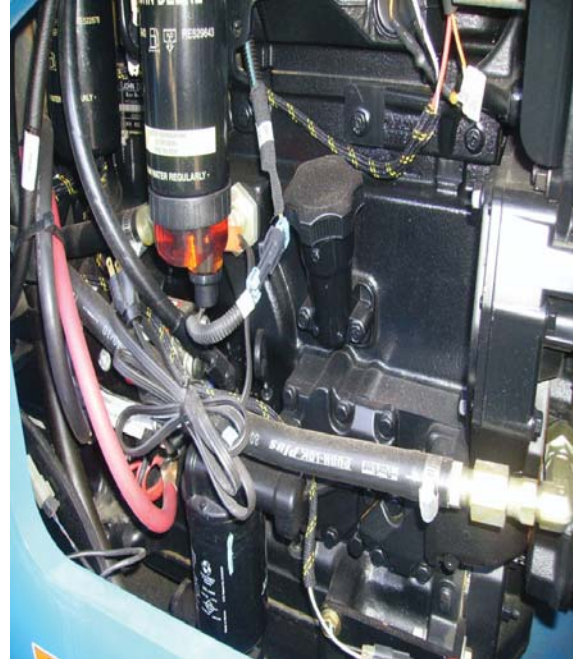
Fluid for engines:
SAE 15W-40

Note:

6K-8K engines:
John Deere -- 14 quarts
Perkins -- 7 quarts
Deutz -- 12 quarts

REV3 10K engines:
John Deere -- 14 quarts
Perkins -- 8 1/3 quarts

REV4 10K engines:
John Deere -- 14 quarts
Perkins -- 7 1/2 quarts



Step 4

(All models)

Coolant for engines:
Chevron ELC (extended life coolant)

Note:

6K-8K Engine capacity:
John Deere -- 2 1/2 gallons
Perkins -- 4 3/4 gallons
Deutz -- 3 gallons

Rev3 10K:
John Deere -- 7 gallons
Perkins -- 5 gallon

Rev4 10K:
John Deere -- 7 gallons
Perkins -- 9 3/4 gallons



Step 5

(All models)

Fluid for transmissions:

SAE 10W non detergent motor oil

Note:

6K-8K T12000 transmission:

Capacity -- 13 1/2 quarts

10K T20000 transmission:

Capacity -- 20 quarts



Step 6

(All models)

Hydraulic oil for units:

Serial range: GTH0807A-11525 and lower:

AW 46 hydraulic oil

Serial range: GTH0807A-11526 and higher:

Chevron Rykon premium MV (multi viscosity)

Note:

6K-8K Hydraulic capacity:

Tank -- 34 gallons

Hyd. system -- 50 gallons

Rev3 10K Hydraulic capacity:

Tank -- 48 gallons

Hyd. system -- 66 gallons

Rev4 10K Hydraulic capacity:

Tank -- 44 gallons

Hyd. system -- 55 gallons

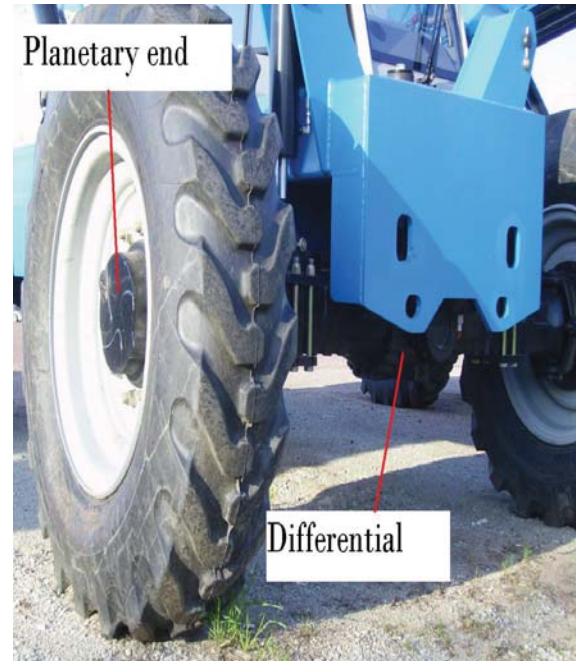


Step 7

(All models)
Oil for axles:
80W-90 LS (limited slip)

Note:
6K-8K 212 axle capacity:
Differential -- 9 quarts each
Planetary end -- 1 quart each

10K 213 axle capacity:
Differential -- 15 quarts each
Planetary end -- 2 quarts each



Step 8

(All models)
Fuel for engines:
#2 diesel fuel

Note:
6K-REV3 10K:
Capacity -- 30 gallons

REV4 10K:
Capacity -- 35 gallons



TECH TIPS



Step 9

See service manual for recommended service intervals.