

Hyd; ATF = dex 3 or type F  
Gear oil; 80-90 GL 4 or 5  
Engine oil; 15-40  
Coolant; Glycol based

Thanks Steve

PISTEN BULLY

Service Specification Chart

Effective: October 1999

MODEL

**PB 160C**

s/n 813-14235 & up

| ENGINE                                  | LUBRICANT   | HYDROSTATIC DRIVE   |   | AUXILIARY HYDRAULICS  | ELECTRONICS   | MISC.  |
|---|---|---|---|---|---|--|
| Type: HR 694 HT<br>VM inline 6 cylinder | Engine Oil:<br>15W-40<br>CD, CC/SF<br>Cap: 9.5 qts. | <u>Left Pump</u><br>Gauge psi<br>Charge: 340 psi<br>High: 5900+150<br>POR: 5600 | <u>Gauge Bar</u><br>23 bar<br>400+10 bar<br>380 bar | <u>Test RPM</u><br>1650<br>Primary relief:(in front block)<br>190 Bar<br>Blade tilt reliefs:<br>220 Bar | Battery voltage:<br>24 - 27 dcV<br>Defaults w/teach in<br>Drive away:<br>1300 RPM | Tire Pressure:<br>front: 87 psi<br>trailing: 75 psi<br>Sprocket Bolt<br>Torque:<br>48 ft. lbs. |
| Working<br>Range: 1700-2500             | Hydraulic Oil:<br>ATF Cap: 14.5 gals                | <u>Right Pump</u><br>Charge: 340 psi<br>High: 5900+150<br>POR: 5600             | 23 bar<br>400+10 bar<br>380 bar                     | 1650<br>1650<br>1650<br>220 Bar   | Trans. point:<br>2200 RPM<br>High limit:<br>3000 RPM                              | Tire lug bolt torque:<br>105 ft. lbs.<br>Track Bolt & Tire<br>Guide: 48 ft. lbs.               |
| Firing<br>Order: 1-5-3-6-2-4            | Gear Oil:<br>SAE 80-90<br>MIL - 2105A<br>Class GL-4 | <u>3rd Pump</u><br>Charge: N/A<br>High: 6450+150<br>POR: 6175                   | 440+10 bar<br>420                                   | 1650<br>1650<br>1650<br>Down pressure rear:<br>adjustable: 3-25 Bar<br>Brake relief: 60 Bar             | Tiller RPM PT2000:<br>1300 RPM  |  |
| Valve<br>lash:<br>(cold)                | 30-mm Intake<br>30-mm Exhaust                       | Antifreeze:<br>50 - 50 mix<br>with water  |   |   | Moog coil resist:<br>A - B 25 - 35 Ohms<br>C - D 25 - 35 Ohms                     |  |
| Injector<br>pop-off<br>pressure:        | 150 bar   |   |   |   |   |  |