



## RELIEF VALVE SETTINGS

### System Relief Valves:

Loader .....	2250 psi (15 515 kPa)
Selector Valve.....	2000 psi (13 790 kPa)
Bulldozer, 6405 or 6410 .....	1750 psi (12 065 kPa)
Bulldozer, 6415.....	2250 psi (15 515 kPa)
Winch Relief Valve at 1900 rpm .....	950—1050 psi (6550—7240 kPa)

### Loader Circuit Relief Valves at Fast Idle:

Bucket Dump .....	1250 psi (8620 kPa)
Bucket Rollback.....	2500 psi (17 240 kPa)
Boom Lift .....	3100 psi (21 375 kPa)
Auxiliary .....	2500 psi (17 240 kPa)

### 9705 Backhoe Circuit Relief Valve:

Crowd .....	2375 psi (16 375 kPa)
Swing Right .....	1625 psi (11 205 kPa)
Swing Left.....	2000 psi (13 790 kPa)
Boom Raise .....	3500 psi (24 135 kPa)
Boom Lower .....	2375 psi (16 375 kPa)

### 9500 Backhoe Circuit Relief Valve:

Crowd .....	2500 psi (17 240 kPa)
Swing Right .....	2375 psi (16 375 kPa)
Swing Left.....	2375 psi (16 375 kPa)
Boom Raise .....	2750 psi (18 960 kPa)
Boom Lower .....	2500 psi (17 240 kPa)

## LUBRICANTS

See front of this book for the codes [ ].

<b>CAPACITIES</b>	<b>U.S.</b>	<b>Imp.</b>	<b>Metric</b>
Engine Cooling System [N].....	5 gal	4.2 gal	18.9 L
Engine Crankcase w/ Filter [E] .....	15 qt	12.5 qt	14.2 L
Steering Clutch [C].....	28 qt	23.3 qt	26.5 L
Final Drive (Each) [C] .....	6.25 qt	5.2 qt	5.9 L
Transmission [C].....	13.5 gal	11.3 gal	51.1 L
Hydraulic System (Refill) [C]:			
Bulldozer .....	6.4 gal	5.3 gal	24.5 L
Loader.....	7 gal	5.8 gal	26.5 L
Fuel Tank .....	36 gal	30.0 gal	136.3 L