

## 4. WARMING-UP OPERATION

i The most suitable temperature for the hydraulic oil is about 50 C (112 F). It can cause serious trouble in the hydraulic system by sudden operation when the hydraulic oil temperature is below 25 C (77 F). The temperature must be raised to at least 25 C (77 F) before starting work.

- 1) Run the engine at low idling for 5 minutes.
- 2) Speed up the idling and run the engine at mid-range speed.
- 3) Release the hydraulic safety lock lever.
- 4) Lift the boom slightly and extend the bucket cylinder to the stroke end to relieve hydraulic pressure.  
i Do not leave hydraulic pressure relieved for more than 30 seconds.
- 5) Shorten the bucket cylinder to the stroke end to relieve hydraulic pressure.  
i Do not leave hydraulic pressure relieved for more than 30 seconds.
- 6) Repeat the procedure 2) - 4) several times until warm-up operation is completed.

