

7 Troubleshooting

- When abnormal parts are found, don't use as it is and take suitable countermeasure looking for the cause. If using under abnormal condition, serious accident may be occurred as the case may be. Therefore, when no solution found by the following table, contact our agent or our company.

Symptom	Cause	Countermeasure
Wheels are vacillating and rudder does not work correctly. Steering is out of control.	Air purging remains imperfect.	Purge air again.
	Leakage of hydraulic oil.	Repair leaking spot of connecting section and/or piping, refill with oil and purge air again.
	Shortage of hydraulic oil inside of oil tank.	Refill with hydraulic oil and purge air again.
Wheel turning is heavy and power is needed.	Malfunction of wheel shaft.	Repair and/or lubricate.
	Shortage of hydraulic oil viscosity.	Replace to genuine hydraulic oil. (ISO VG15 equivalent)
	Clogging of filter of Helm Pump.	Rinse or replace filter.
Receiving Cylinder does not work when turning wheel.	Dust to suction valve inside of plunger of Helm Pump.	Overhaul and rinse.
	Malfunction of lock valve of Helm Pump.	Overhaul and rinse, or replace.
Receiving Cylinder returns even when wheel is suspended.	Malfunction of lock valve of Helm Pump.	Overhaul and rinse, or replace.
In case of steering at 2 places, while rotating Helm Pump of one side, Helm Pump of the other side also rotates.	Malfunction of lock valve of Helm Pump.	Overhaul and rinse, or replace.
	Dust to check valve of Helm Pump.	Overhaul and rinse.