

NACHI

NACHI AMERICA INC.

NACHICCOII



Handling Procedure

● Precautions in startup

- ① Check if the tank is filled with hydraulic oil up to the specified level.
 - Upper limit, Yellow mark: specified oil level (nominal capacity).
 - Lower limit, Red mark: minimum oil level
 Hydraulic oil: Based on general mineral oil,
ISO VG32 or its equivalent

- ② Electric connection should be made correctly according to the following procedure:

Phases of motor side and power supply side

U→R
V→S
W→T

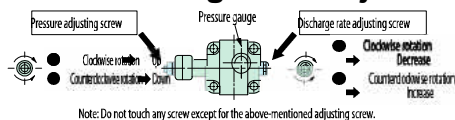


If electric connection is incorrect:

- The motor pump rotates in the reverse direction without discharging oil. If the operation is continued, the pump may be damaged.
- Use the pressure gauge mounted on the discharge side and make sure that pressure rises.

- ③ Repeat the procedure of starting and stopping the motor. Remove air from inside the pump and suction pipe. (You can remove air more quickly if you remove loads from the circuit.)

● Pressure and discharge rate adjustment procedure



● Maintenance and inspection

- ① Oil temperature: Use it at the temperature from 10 to 60 °C.
- ② Hydraulic oil replacement interval: Replace hydraulic oil three months after the start of operation in the beginning. Then replace it whenever contamination has been observed or after the lapse of one year.
- ③ Inspection and cleaning of tank interior and strainer: every 6 months or every 4000 hours (whichever comes first).

● Ambient temperature

- ① Temperature: 10 to 35 °C.
- ② Do not use the mist of water soluble coolant.

NACHI AMERICA Inc.
17500 Twenty-Three Mile Road
Macomb, MI 48044
Phone: 800-622-4410
Fax: 586-226-5289