Technical information

SUBJECT：Maintenance for the clutch

Grease up the sliding parts of the clutch every week and before/after use.

(Grease used: JIS K 2220 Centralized lubricating grease Class 4, No. 2 or equivalent * Molybdenum grease may be specified for some winches.

If grease is insufficient, seawater will comes into the clearance of the shaft and clutch, occurring rust and the clutch to stick.

- Apply grease from all the grease nipple of clutches, and slide the clutches until the grease is spread into the sliding surface of the shaft and clutch.
- After the grease has been spread, fill the clutch with grease again until new grease comes out from the gap between the shaft and the clutch.
- Also, apply grease to the claw part and groove part of clutch and the cylindrical tip of clutch lever, and grease the pin and other linkage parts.

Apply grease from all the grease nipple of clutches, and slide the clutch until the grease is spread into the sliding surface of the shaft and clutch.

After the grease has been spread, fill it again until new grease comes out from the gap between the shaft and the clutch.

Apply grease to clutch claw, clutch groove and the cylindrical tip of clutch lever.

Apply grease to the pin and other linkage parts.

If grease is insufficient, seawater will comes into the clearance of the shaft and clutch, occurring rust and the clutch to stick.

- Before using the winch, carry out the external inspection of the clutch to make sure that there are no cracks or damage/deformation of the claw. If the engagement of the claw is not enough or unexpectedly large external force is applied to the clutch repeatedly, it may cause damage of clutch.
- If the clutch is used without inserting the stop pin, the engagement of the claw will not enough due to the thrust force in the direction of release applied to the clutch, and the claw will be deformed.
- If the clutch claw is deformed to tapered shape, the clutch may disengaged while using the winch. Please make sure to insert the stop pin while using.
  If the clutch is damaged or significantly deformed, the clutch must be replaced.

KAWASAKI HEAVY INDUSTRIES, LTD.
PRECISION MACHINERY BUSINESS DEVISION
CUSTOMER SERVICE DEPARTMENT

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