IMPORTANT INFORMATION!

The information listed below pertains to the CPT-4UH ultra-high pressure pump. Please review the information prior to installation and operation of the pump.

Run Time

The maximum run time for the CPT-4UH when operating at rated capacity is fifteen (15) minutes.

Hydrostatic Testing

If the vehicle is to be hydrostatically tested above 1200 psi, perform the following:

1. Remove the priming valve (VAP) from the pump body prior to testing.
2. After testing, the packing will need to be readjusted (see Packing Adjustment instructions)

Packing Adjustment

1. Loosen packing gland nuts until they are flush with the studs. Engage pump per appropriate operating instructions. Operate pump at approximately 2000 engine RPM for five (5) minutes to allow packing to expand.

CAUTION

Pump overheating hazard. May cause damage to the pump.

Circulate enough water through the pump to prevent overheating.

2. Operate the pump at the rated capacity shown on the serial plate for five (5) minutes.

CAUTION

Observe the stuffing box drip rate from the side of the truck.

3. Observe leakage. Normal leakage is 60-120 drops per minute.
4. If drip rate is considered high, stop the engine and tighten the packing gland nuts 1/2 to 1 flat (maximum of 1/6 of a revolution). Make appropriate adjustments starting with 1 flat, when approaching the final adjustment reduce to 1/2 flat. This reduces the possibility of over tightening. **Tighten the gland nuts equally to ensure that the packing gland goes on straight.** Gradually reducing leakage during the first hour of operation will result in a better seal over a longer period of time.

CAUTION

Stopping the leakage entirely at this point will cause the packing to overheat.

5. Operate the pump at the rated capacity shown on the serial plate for five (5) minutes to let packing run in, then observe the drip rate.

⚠ WARNING

Packing Gland and Pump Body Temperature Hazard. May result in serious burns.

Heat is dissipated through the cross-section of the packing, transferring the heat to the packing gland and pump body.

6. Repeat steps 4 and 5 until the drip rate is acceptable.
7. Adjust the drip rate on one stuffing box until the appropriate rate is obtained, then proceed to the other end of the pump.