

Machine use: basic rules

Ensure that all machine parts and equipment work properly during machine use. Remember: the majority of inconveniences and breakdowns that occur during machine use are caused by loosening of machine components and leaks that have not been dealt with quickly enough.

Since running in produces a general settling of all mechanical components and hydraulic connections, highly rigorous machine checks **ARE ESSENTIAL**.

Bear in mind the following regulations:

- During initial machine manoeuvres do not rev the engine too high (1,200 - 1,500 r.p.m.) so that transmission oil (converter, inverter, gears, pinion set, governors) and hydraulic oil reach operating temperature gradually.
- Move all the levers gently to avoid damaging loads and knocks.
- Do not insist in using the hydraulic cylinders if they are unable to oppose the necessary resistance: this, in fact, opens the main hydraulic valve and could lead to dangerous oil overheating.
- Periodically check the warning lights and panels: If a warning light comes on or if an indicator exceeds the allowed limits stop the vehicle immediately and switch off the diesel engine to carry out the necessary checks. If the cause is not found do not restart work since highly expensive components could be damaged. Wait until authorised service personnel have carried out repairs.
- Spinning the wheels not only transmits just a fraction of engine power, but rapidly wears down tire tread.
- The working load bucket must be in the right position. An arm indicator, which helps position the bucket horizontally on the ground, has been installed for this purpose.
- To ensure maximum bucket efficiency, just follow the above rules: forcing the machine beyond its own performance levels is unnecessary and ineffectual.



Use the vehicle with the bucket down as much as possible. This position improves machine stability and gives better visibility. If the vehicle must be moved with a full bucket over uneven or slippery ground, drive slowly. If this basic safety rule is ignored you could lose control of the vehicle and cause it to roll.

TOWING



Towing pin



Towing is a delicate operation performed at the operator's risk. The Manufacturer declines all liability for damage and accident that may occur.



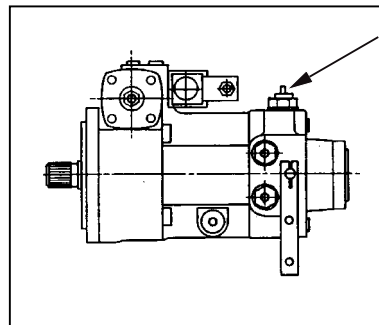
The vehicle must be towed very slowly over flat and horizontal terrain for short distances only and only when absolutely necessary.



Towing must be absolutely performed with the use of the tow bar.

Towing procedure

In case of the repair or malfunction of the vehicle, disable the hydrostatic pump's high pressure valve (see photo) by rotating the part of the valve indicated in the photo by approximately one and a half turns.



When towing the vehicle, the hydraulic motor works as a pump and via the high pressure system valve delivers sufficient oil to protect the system.

Bear in mind the following during towing:

- 1) maintain adequate towing speed (e.g. 1 km/h);
- 2) limit towing to short distances (1-2 km);
- 3) avoid the overheating of the hydraulic motor (at approx. 80°)
- 4) return the valve part to its original position after towing.



Always switch on the emergency lights and the rotating light during towing.