

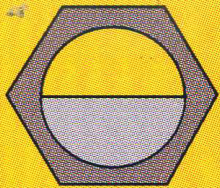


APE Daily Vibro Check List

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For use on all Models. Model 200 shown for example.

- Check large Elastomers for cracks
- Remove damaged wire rope
- Checked shackle pin cotter key & nut (some models do not a shackle)
- Inspected small elastomers for cracks
- Inspected pop off safety valve for leaks
- Inspected hoses for wear
- Line pull safety sticker attached
- Check all bolts on elastomers
- check line pull pin for damage
- Inspect motor couplers for leaks
- Check suppressor mounting bolts
- Check bearing covers for damage
- Check all welds for cracks
- Check oil level in gearbox
- Checked breather check valve on center of motor bearing cover. Remove any paint that could block breather.



Oil Level
Mobil Gear SHC 629
or standard AW32 hyd oil
(Do not use vegetable hyd oil)

Sight Gauge

Warning: Never use 90 weight gear oil or unit will over heat. If you cannot read the level then do not operate the machine. If you cannot read the level then you cannot run it. Remove the gauge and spray some WD40 to clean the glass. Then replace using teflon tape on the threads. Avoid overfilling or the unit will overheat. If level automatically increases it may indicated a bad motor shaft seal which results in hydraulic in the gearbox. Remove or replace motor while vibro is laying on ground and motors are facing the sky. Consult factory for instructions.

- Check both the moveable and fix jaw teeth
- Monitor jaw teeth wear by noting jaw opening width
- Checked clamp mount bolts for tightness
- Removed air from clamp lines by cracking them open at the clamp cylinder while power unit engine is at idle speed
- Check clamp lines and fittings leading to clamp cylinder
- Check hose clamp securing clamp lines
- Check condition of hose bundle

Note: When mounting new clamp, check machined surfaces on bottom of hammer and top of clamp with straight edge. Run a bottom tap down each mounting hole. Make sure surface is clean and flat. Torque down using a 6 foot cheater bar. Do not drive piles if any clamp mounting bolts are missing. If clamp attachment falls off, it is due to bolts not being properly tightened. No excuses accepted.

Comments: _____

Daily inspection performed by: _____ Date: _____

Check list developed by APE Pile Driving School students of the June 2002 class. Send ideas to johnw@apevibro.com