



# APE Daily Vibro Checklist

(For use on all Models - Model 200 shown for example)

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- Checked large elastomers for cracks
- Removed damaged wire rope
- Checked shackle pin cotter key & nut (most models do not use a shackle)
- Inspected small elastomers for cracks
- Inspected pop-off safety valve for leaks
- Inspected hoses for wear
- Line pull safety sticker attached
- Checked all bolts on elastomers
- Checked line pull pin for damage
- Inspected motor couplers for leaks
- Checked suppressor mounting bolts
- Checked bearing covers for damage
- Checked all welds for cracks
- Checked oil level in gearbox

- Checked breather check valve on center of motor bearing cover. Removed any paint that could block breather



**Sight Gauge**

**Oil Level**  
**Schaffer 268 Gear Oil**  
(Do not use vegetable hyd oil)

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

- Checked both the moveable & fixed jawteeth
- Monitor jawteeth wear by noting jaw opening width
- Checked clamp mounting bolts for tightness
- Removed air from clamp lines by cracking them open at the clamp cylinder while power unit engine is at idle speed
- Checked clamp lines & fittings leading to the clamp cylinder

- Checked hose clamp securing clamp lines
- Check condition of hose bundle

**NOTE:** When mounting a new clamp, check machined surfaces on the bottom of the hammer & top of the clamp with a straightedge. Run a bottom tap down each mounting hole. Make sure the surface is clean & flat. Torque down using a hydraulic torque multiplier. Do not drive piles if any clamp mounting bolts are missing. If the clamp attachment falls off, it is due to bolts not being properly tightened. No excuses are accepted.

COMMENTS: \_\_\_\_\_  
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Daily inspection performed by: \_\_\_\_\_ Date: \_\_\_\_\_