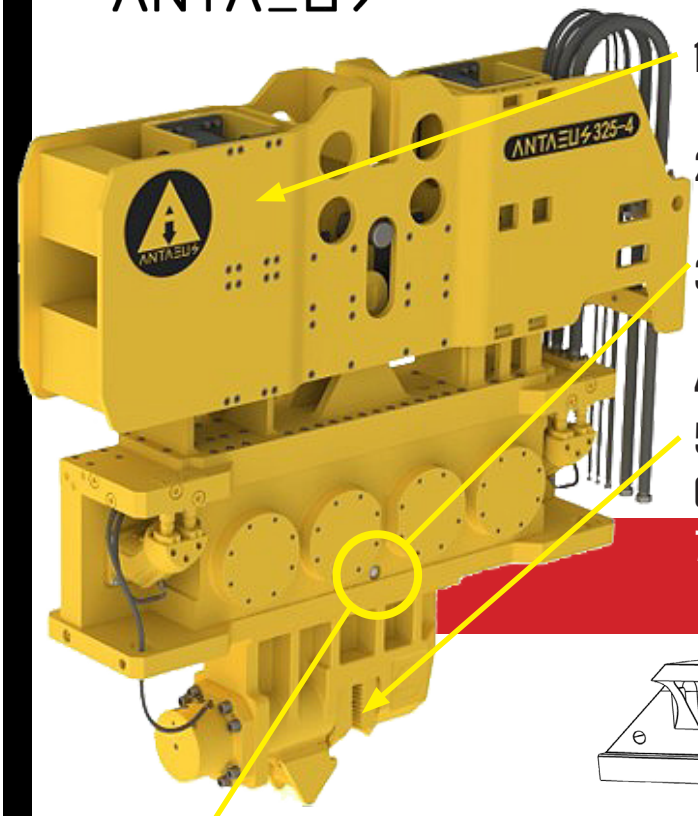
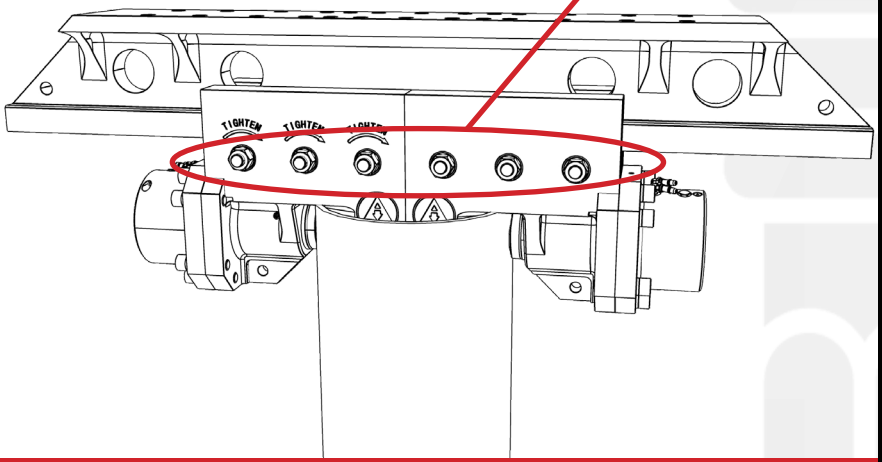
VIBRO DAILY CHECKLIST

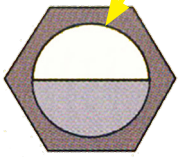
FOR: Models 325-6 | 325-4 | 325-4 | 520 | 320 | 400 | 600

ANTAEUS



1. CHECK ELASTOMERS (RUBBER SPRINGS) BOTH LARGE AND SMALL AND MAKE SURE NONE HAVE CRACKS.
2. CHECK FOR ANY LOOSE FASTENERS. ESSPECIALLY CHECK THE BOLTS THAT HOLD ON THE CLAMP OR BEAM.
3. INSPECT SIGHT GAUGE. MAKE SURE OIL IS IN CENTER OF THE SIGHT GLASS. CONFIRM NO MILKY OIL. MILKY = WATER + OIL
4. INSPECT WIRE ROPE AND RIGGING FOR DAMAGE.
5. INSPECT JAWS AND MAKE SURE THEY ARE NOT WORN OUT.
6. LOOK FOR ANY OIL LEAKS OR LOOSE HYDRAULIC FITTINGS.
7. IF USING BEAM AND CLAMPS MAKE SURE WEDGE BOLTS ARE TIGHT. BEST TO CHECK EACH PILE.





Schaeffer's SPECIALIZED LUBRICANTS

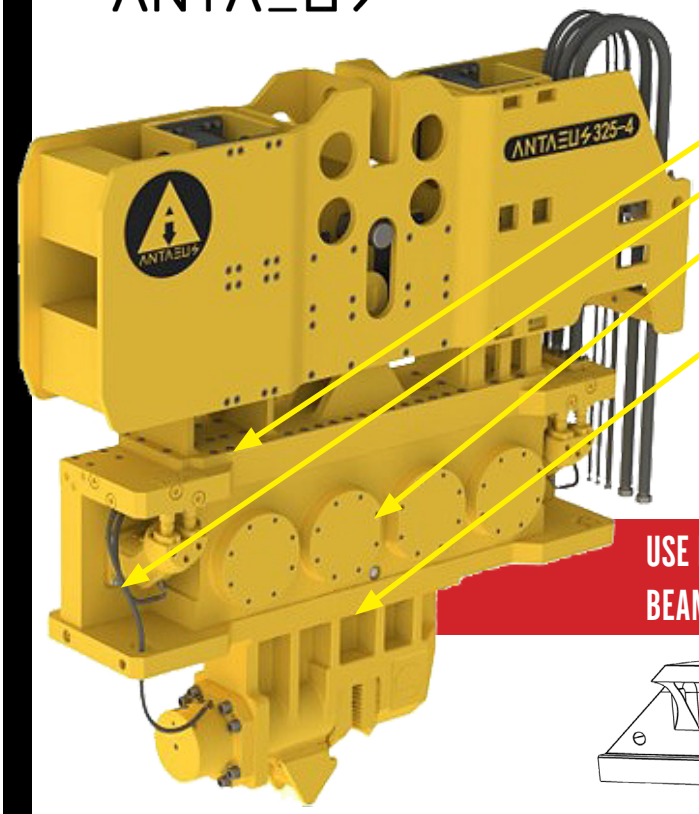
FILL GEAR OIL TO HALF WAY ON SIGHT GLASS.
STANDARD OIL = SCHAEFFER 268

REMEMBER: DO NOT USE THIS MACHINE OR ANY VIBRATORY HAMMER AS A PILE LIFTING DEVICE. ALWAYS HAVE A SAFE LINE ATTACHED TO THE PILE. DEATH OR SERIOUS INJURY CAN OCCUR IF THE PILE DROPS, PROTECT YOUR CREW!

DO NOT EXCEED 225F ON THE BEARING COVERS. IT'S BEST TO HAVE A HEAT GUN TO CHECK TEMPERATURE AFTER EACH PILE. IF VIBRO BECOMES HOT LET REST UNTIL COOL. DIPPING IN OCEAN OR LAKE / SPRAYING WATER TO COOL IS OKAY.
THIS MACHINE CAN GO 150' UNDERWATER WITHOUT MODIFICATION. GOING DEEPER? CALL FACTORY.
THIS MACHINE CAN DRIVE BATTER PILES WITHOUT MODIFICATION.
THIS MACHINE CAN BE SAFELY BE USED ON A HYDRAULIC TELESCOPIC CRANE WITHOUT MODIFICATION.

VIBRO BOLT TORQUE INFORMATION

FOR: Models 325-6 | 325-4 | 325-4 | 520 | 320 | 400 | 600



BOLT TORQUE:

TOP PLATE BOLTS = 100FT/LBS

MOTOR TO GEARBOX = 100 FT/LBS

BEARING COVERS = 60 FT/LBS



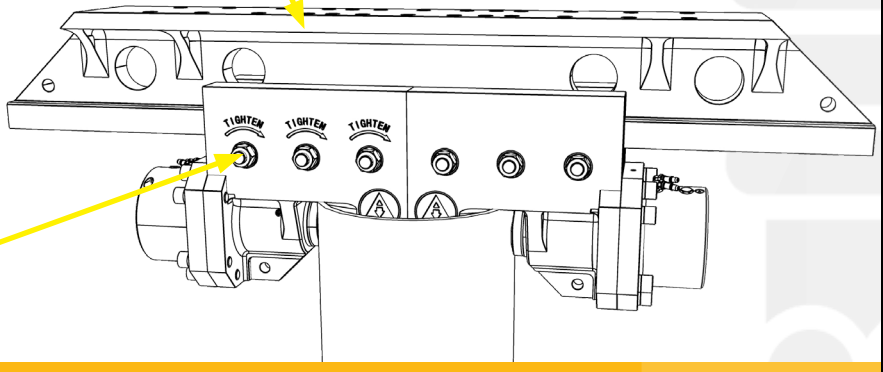
BEAM OR SHEET CLAMP BOLTS:

1,900 - 2,000 FT/LBS

(THE 1.5" X 3.5" BOLTS)



USE LOCTITE 263 ON ALL FASTENERS EXCEPT THE CLAMP BOLTS. BEAMS AND CLAMP BOLTS (1.5" X 3.5") USE ANTI-SEIZE.





TIP FOR TIGHTENING WEDGES: USE 2" SLUGGING WRENCH WITH SLEDGE HAMMER. WHEN YOU FEEL THE SLEDGE HAMMER BOUNCING BACK AFTER A SOLID HIT THEN THE WEDGE IS TIGHT. USE CONTROL AND CAUTION WHEN TIGHTENING. UNDER TIGHTENING THESE BOLTS COULD RESULT IN THE CLAMP SLIPPING OR BROKEN INTERNAL COMPONENTS. GET IT TIGHT.

BEST PRACTICE IS TO CHECK THESE BOLTS BEFORE EACH PILE.



LOCTITE TIP: YOU DON'T NEED A LOT, A FEW THREADS GOES A LONG WAY.