



AHT Liftgates, LLC

309 Mogie Ln.

Acworth, Ga. 30102

(727) 452-0174

E-Mail: parts@ahtliftgates.com

Web: www.ahtliftgates.com

SERVICING THE AHT TAILGATE LOADER

(Report any defects to your supervisor immediately)

DAILY INSPECTION:

- Check all bolts and washers for tightness
- Check for leaks, under the vehicle, and in the hydraulic system
- Check the platform lock for operating properly
- Check the switches, UP, DOWN, OPEN & CLOSE for proper operation
- Check the hydraulic oil level, if leaks are apparent

MONTHLY INSPECTION:

- Pressure wash unit, being careful not to pressure wash inside the power pack
- Check all bolts and washers for tightness
- Check all welds for cracks and repair if necessary
- Lubricate all grease fittings (12 fittings)
- Replace any worn or broken parts
- Check the lifting and lowering speed (Be sure it is safe)
- Check the oil level, and add if necessary (Do not overfill)

Procedure for Checking Oil Level:

1. Platform must be on the ground and tilted down to properly check reservoir level
2. Remove power pack cover and the black filler cap. The dipstick is on the filler cap. Oil level must be kept between the lines on the dipstick at a minimum. (Always leave at least 1" of space in reservoir. Replace the dipstick and power pack cover.

ANNUAL INSPECTION:

- Check all electrical cables for chafing or breaking, repair if necessary
- Check all hydraulic lines for leaks, cracks or chafing, repair if necessary
- Drain the hydraulic reservoir; clean the filter and the reservoir
- Fill reservoir with a good, clean grade of hydraulic oil, ie: Fuchs Renolin AW 22
- Check the lifting capacity (Consult the data plate for correct capacity of this unit)
- Check all safety devices (Flags, Roll stops, Edge Guards, etc.) for proper operation
- Check the wear plates and/or rollers and replace, if necessary
- Check all electrical connections for corrosion and tightness. Repair if necessary
- We recommend Fuchs Renolin AW 22 hydraulic oil
- Note: Depending on frequency and usage the hydraulic hoses should be changed after three years of usage.
 - **Clean hydraulic oil** guarantees trouble free operation.
 - The hydraulic oil should be changed once a year to give the unit longer life.

The following oils, or their equivalent, may be used:

TEXACO-HD 22, HD AZ 22,
SHELL-TELLUS 22,
MOBIL-DTE 22
VALVOLINE-HD 22, AW 22