

BEARING FAILURE Tid Bits and Helpful Hints:

CAT 247/257, ASV 50/60

Most people have a mindset that their track's tension is better which is not always the case. Keep in mind that the front and rear idlers carry the track tension load and the bearings are small, so be careful not to over tighten the tracks.

Visualize a 200 lbs person bending over and placing two palms at the middle to the track placing approx. 100 lbs of weight. 1" deflection is about right. Also, too much track tension will eventually wear out the Drive Sleeves and segments.

Information for Machines that have three and four wheels per axle on the Caterpillar B and C multi-terrain loader models.

The cross tube that forms the axle housing has one 3/8" pipe plug. The tube is filled with 90 weight oil. The oil seals are notorious for leaking. In an effort to help solve this problem purchase from a hardware store 3/8 x 1/8 steel bushing reducer and remove the plugs. Install the bushing and a straight grease nipple and pump the grease until it purges out the seal. Re-lube every 200 hours or as directed.

Directions - Jack up the machine at least 12" above the floor and remove all the track tension. Rotate the track until the pipe plug is accessible and remove and install the bushing with a grease nipple. If you have a helper to idle rotate at idle speed is helpful.

Also buy a piece of pipe 1/8" x 12" long adapter. This is your grease gun hose so you can reach the front and rear idlers.