

## HYDRAULICS

### Introduction:

If there is a popping noise in a Lippert Leveling system, Lippert has approved adding a quart of anti-stiction fluid. Approved fluids are listed by brand name and fluid characteristics below:

1. Torco RFF Grade 15 (Fig. 1)
2. Maxima Fork Oil Grade 15 (Fig. 2)
3. Caterpillar Hydraulic Oil Additive 1U-9891 (Fig. 3)

For maximum results in the shortest amount of time, please follow the preparation and procedure exactly as written below. Failure to follow the preparation and procedure may result in delayed resolution of the audible disturbance.

### Preparation:

1. Obtain a clean container (large enough to hold a quart of fluid).
2. Obtain a fluid extraction device (siphon, turkey baster, etc.).
3. Fully retract all hydraulic cylinders and jacks.

### Process:

1. Using the fluid extraction device, remove one quart of fluid from the power unit reservoir.
2. Add 1/2 quart of the specified fluid.
3. Extend all hydraulic cylinders and jacks fully.
4. Add the remaining amount of the specified fluid.
5. Fully retract all hydraulic cylinders and jacks.
6. Run the Auto-Level feature on the Level-Up system per the instructions found in the Owner's Manual.

**NOTE:** If the noise persists, the addition of a second quart may be necessary. Follow steps 1 through 6.

Fig. 1



Fig. 2



Fig. 3

