

HYDRAULIC FLUID CHECKS

Frequent checks of fluid level is recommended before and during operation. Both loader and backhoe should be lowered so that tractor hydraulic reservoir can be checked. Use hydraulic fluid recommended in tractor operator's manual and fill reservoir if necessary.

HOSES & CYLINDERS

FIG. 86: Read this before checking hydraulic system for leaks:



WARNING: Prevent possible serious personal injury, blindness, or death caused by injection of hydraulic fluid into your body. Fluid escaping under high pressure may not be visible. Wear approved eye protection. Wear approved skin protection, such as heavy leather gloves. Use a piece of cardboard or wood to find leaks.

If any fluid is injected into your body, it **MUST** be removed within a few hours by a surgeon familiar with the procedure.



CAUTION: Lower backhoe bucket and stabilizers to ground, shut off tractor and operate control levers several times and return to centered position to release oil pressure from system prior to checking or replacing hydraulic components. Be sure all connections are tight and hoses are not damaged.

Inspect hoses and fittings periodically for leaks. Be sure hoses have sufficient clearance and do not rub against frame. Make sure hoses are securely retained, particularly in the backhoe "swing" pivot area. Replace hoses if damaged and keep all fittings tight.

All cylinders are double-acting. For efficient operation, they must be kept in good repair at all times. Leaks, internal or external, affect operation and could be hazardous.

When storing or parking backhoe, retract cylinders to avoid exposure to dust and moisture or coat exposed cylinder rods with a light application of hydraulic oil or grease.

The backhoe utilizes a high pressure hydraulic system. Therefore, it is important to use only AGCO high pressure type cylinders and hoses intended for usage on this equipment.

FIG. 86

