

## Danger



Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury. Many of the hazards identified in the operator's manual are also safety hazards when maintenance and repair procedures are performed.

### Do Not Perform Maintenance Unless:

1. You are trained and qualified to perform maintenance on this machine.
2. You read, understand and obey:  
manufacturer's instructions and safety rules  
employer's safety rules and worksite regulations applicable governmental regulations
3. You have the appropriate tools, lifting equipment and a suitable workshop.

## Keeping Hydraulic Oil Clean



Hydraulic oil is the lifeblood of any construction machine, and the cleanliness of the oil is just as important as the proper amount of hydraulic oil. Dirty or contaminated hydraulic oil can damage internal components and void the manufacturer's warranty.

JLG recommendations for hydraulic oil cleanliness levels are based on the three-digit ISO code for 4 micron/6 micron/14 micron particle sizes found in 1 ml of fluid (reference ISO 4406:199(E)). The acceptable level is 19/17/14 or below; anything higher requires system cleaning and filter replacement. (It's important to note that the human eye can only distinguish particles down to 40 microns – smaller particles that are sampled are not visible.) Reference the JLG Service Manual for the appropriate maintenance intervals based on the hours of operation. If your equipment is exposed to extremely dirty or hostile conditions, more frequent service may be required. Always use original JLG filters to assure necessary filtration requirements are met.

JLG Part Number: [7025995](#)