

Portable Tools: Hydraulic Power Tool Requirements

Department: Chemical and General Safety

Program: Portable Tools

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Authority: ES&H Manual, Chapter 25, Portable Tools

Use of portable hydraulic power tools must meet the following requirements, in addition to those found in Portable Tools: Power Tool Requirements.¹

Note Always visually inspect tools before use and remove any found to be defective from service.

1. The fluid used in hydraulic power tools must be fire-resistant and retain its operating characteristics at the most extreme working temperatures to which it will be exposed.
2. Users must refer to the manufacturer's manual for the safe operating pressure of tools hoses, pipes, valves, filters, and fittings.

In addition, hydraulic power tools should have a non-leak feature on the disconnect fittings.

¹ Portable Tools: Power Tool Requirements (SLAC-I-730-0A21S-027), <http://www-group.slac.stanford.edu/esh/eshmanual/references/toolsReqPower.pdf>