



SURFACE VEHICLE STANDARD

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Self-Propelled Sweepers and Scrubbers Steering Requirements
Single-Circuit Hydraulic Servo-Assisted Systems

RATIONALE

The technical report covers technology, products, or processes for which technical expertise no longer resides in the committee. We believe the standard still applies to a certain segment of the market, but those manufacturers are no longer participating on the committee. Further we believe the technical report covers technology, products, or processes which are mature and not likely to change in the foreseeable future.

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1. SCOPE

The SAE Standard applies to self-propelled, driver-operated sweepers and scrubbers as defined in SAE J2130-1 and SAE J2130-2.

1.1 Purpose

The purpose of this document is to establish the minimum requirements for a steering mechanism that is of a single-circuit hydraulic servo-assisted system without any mechanical linkage to the road wheels, as typically depicted in Figure 1.

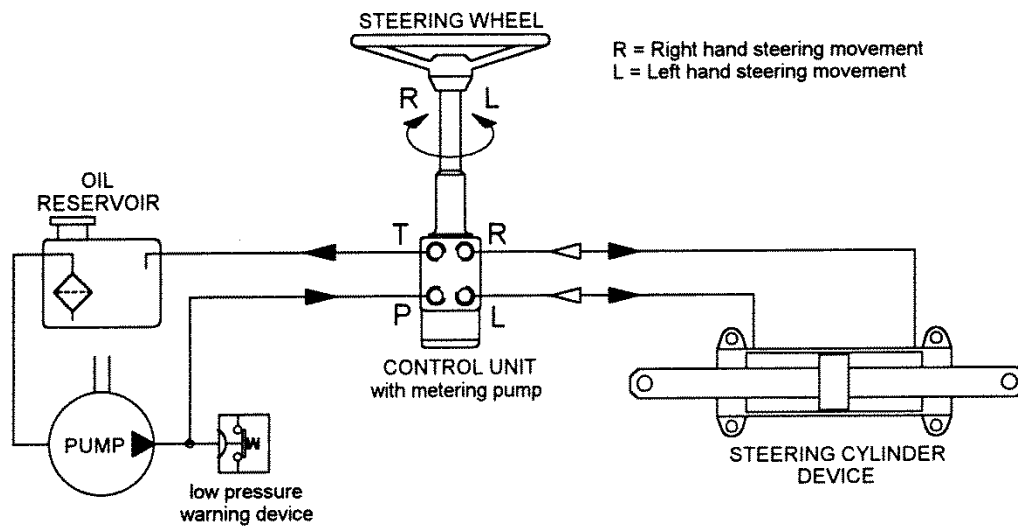


Figure 1 - General layout of system