

(PREVIEW)

IS 13732 : 1993
ISO 5675 : 1992

Indian Standard

AGRICULTURAL TRACTORS AND MACHINERY - GENERAL PURPOSE QUICK-ACTION HYDRAULIC COUPLERS

1 Scope

This International Standard specifies the essential interface dimensions and the operating requirements for hydraulic couplers employed to transmit hydraulic power from agricultural tractors to agricultural machinery. It applies to couplers used in hydraulic lines other than those used for braking circuits (which are covered by ISO 5676^[1]). These couplers need to be connected and disconnected frequently to allow the transfer of machinery from one tractor to another.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 7241-2:1986, *Hydraulic fluid power – Quickaction couplings - Part 2: Test methods.*

Annex A **(informative)**

Bibliography

- [1] ISO 5676:1983, *Tractors and machinery for **agriculture** and forestry - Hydraulic coupling - Braking circuit.*
- [2] ISO 4397:1978, *Fluid power systems and components - Connectors and associated components - Outside diameters of tubes and inside **diameters** of hoses.*
- [3] ISO 7241-1:1987 *Hydraulic fluid power - Quick-action couplings - Part 1: Dimensions and requirements.*