# INTERNATIONAL STANDARD

ISO 4251-2

Sixth edition 2005-09-15 **AMENDMENT 1** 2011-12-15

## Tyres (ply rating marked series) and rims for agricultural tractors and machines —

Part 2: **Tyre load ratings** 

**AMENDMENT 1** 

Pneumatiques (série à marquage «équivalent nappes») et jantes pour tracteurs et machines agricoles —

Partie 2: Capacités de charge des pneumatiques

AMENDEMENT 1



ISO 4251-2:2005/Amd.1:2011(E)



#### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2011

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office Case postale 56 • CH-1211 Geneva 20 Tel. + 41 22 749 01 11 Fax + 41 22 749 09 47 E-mail copyright@iso.org Web www.iso.org

Published in Switzerland

#### **Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO 4251-2:2005 was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 5, *Agricultural tyres and rims*.

### Tyres (ply rating marked series) and rims for agricultural tractors and machines —

#### Part 2:

### Tyre load ratings

#### **AMENDMENT 1**

Page 2, 4.1

Add the following paragraph:

For the tyre load and inflation pressures of combine harvesters in transport service, the tyre manufacturer shall be consulted.

Page 3, Table 1

Add the following lines to the table:

Table 1 — Agricultural drive wheels — Tractor tyres (diagonal construction) — Basic tyre loads (BTL) for tyres used as singles at a maximum speed of 30 km/h and at reference inflation pressures (IP)

Ī	_	Load index	Ply rating	Basic tyre load	Inflation pressure
	Tyre size designation	LI	PR	BTL	IP
	g			kg	kPa
	8.3 – 36	107	6	975	230
		113	8	1 150	320
	8.3 – 38	108	6	1 000	230
		114	8	1 180	320
Ī	8.3 – 44	111	6	1 090	230
-		117	8	1 285	320
	9.5 – 22	103	6	875	210
		106	8	950	280
	9.5 – 38	113	6	1 150	210
		119	8	1 360	280
	9.5 – 42	115	6	1 215	210
		121	8	1 450	280
	9.5 – 44	116	6	1 250	210
		122	8	1 500	280

#### ISO 4251-2:2005/Amd.1:2011(E)

0.549	118	6	1 320	210
9.5 – 48	123	8	1 550	280
11.2 – 20	105	6	925	180
11.2 – 20	112	8	1 120	250
11.2 – 42	119	6	1 360	180
11.2 – 42	125	8	1 650	250
12.4 – 46	125	6	1 650	170
12.4 – 40	131	8	1 950	220
13.6 – 48	130	6	1 900	150
13.0 – 40	135	8	2 180	190
18.4 – 46	142	6	2 650	110
10.4 – 40	146	8	3 000	140
DH35.5L - 32	178	20	7 750	190

#### Page 7, Table 1

Change LI for tyre size designation VA35.5L - 32 from "178" to "179".

#### Page 9, Table 5

Add the following lines to the table:

Table 5 — Agricultural steering wheels — Tractor tyres (diagonal construction) — Basic tyre loads (BTL) at a maximum speed of 30 km/h and at reference inflation pressures (IP)

Tyre size	Optional size marking	Load index LI	Ply rating PR	Basic tyre load BTL	Inflation pressure
				kg	kPa
7.5L – 15		96	6	710	300
0.51 45		99	6	775	250
9.5L – 15		105	8	925	330
11L – 15		103	6	875	220
9.2 44		110	8	1 060	300
8.3 – 44		114	10	1 180	360

Change LI for tyre size designation 7.50 – 20 in the table from "108" to "109".

#### Page 11, Table 7

Change LI for tyre size designation 4.00 – 8 6 PR (Drive) from "54" to "53".

#### Page 12, Table 7

Change LI for tyre size designation 7.50 – 16 12 PR (Drive) from "108" to "109".

#### Page 13, Table 7

Add the following line to the table:

Table 7 — Agricultural implement tyres (diagonal construction) — Basic tyre loads (BTL) at a maximum speed of 30 km/h and at reference inflation pressures (IP)

-	Ply rating	Free rolling		Drive		IP
Tyre size designation	PR	LI	BTL	LI	BTL	
			kg		kg	kPa
9.0/70 – 16	10	119	1 360	106	950	440

Change BTL for tyre size designation 10.0/80 – 12 6 PR (Drive) in the table from "1 060" to "750".

#### Page 14, Table 7

Change LI for tyre size designation 10.5/65 – 16 14 PR (Drive) from "116" to "118".

#### Page 15, Table 7

Change LI for tyre size designation 20.5/70 - 20 20 PR (Drive) from "159" to "158". Change the tyre size designation to "20.0/70 - 20".

Change LI for tyre size designation 8.5L – 14 (Drive) from "85" to "95".

#### Page 16, Table 7

Change IP for tyre size designation 12L – 15 10 PR (Drive) from "180" to "290".



Price based on 3 pages