



Economic and Social Council

Distr.: General
6 April 2016

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

169th session

Geneva, 21-24 June 2016

Item 4.9.11 of the provisional agenda

**1958 Agreement – Consideration of draft amendments
to existing Regulations submitted by GRRF**

Proposal for Supplement 14 to Regulation No. 106 (Tyres for agricultural vehicles)

Submitted by the Working Party on Brakes and Running Gear*

The text reproduced below was adopted by the Working Party on Brakes and Running Gear (GRRF) at its eightieth session (ECE/TRANS/WP.29/GRRF/80, para. 43) and at its eighty-first session (ECE/TRANS/WP.29/GRRF/81, para. 38). It is based on ECE/TRANS/WP.29/GRRF/2015/31 as well as ECE/TRANS/WP.29/GRRF/2016/15. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration at their June 2016 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Supplement 14 to Regulation No. 106 (Tyres for agricultural vehicles)

Annex 4, Table, amend to read:

"

<i>LI</i>	<i>kg</i>	<i>LI</i>	<i>kg</i>	<i>LI</i>	<i>kg</i>	<i>LI</i>	<i>kg</i>
1	46.2	71	345	141	2 575	211	19 500
2	47.5	72	355	142	2 650	212	20 000
3	48.7	73	365	143	2 725	213	20 600
4	50	74	375	144	2 800	214	21 200
5	51.5	75	387	145	2 900	215	21 800
6	53	76	400	146	3 000	216	22 400
7	54.5	77	412	147	3 075	217	23 000
8	56	78	425	148	3 150	218	23 600
9	58	79	437	149	3 250	219	24 300
10	60	80	450	150	3 350	220	25 000
11	61.5	81	462	151	3 450	221	25 750
12	63	82	475	152	3 550	222	26 500
13	65	83	487	153	3 650	223	27 250
14	67	84	500	154	3 750	224	28 000
15	69	85	515	155	3 875	225	29 000
16	71	86	530	156	4 000	226	30 000
17	73	87	545	157	4 125	227	30 750
18	75	88	560	158	4 250	228	31 500
19	77.5	89	580	159	4 375	229	32 500
20	80	90	600	160	4 500	230	33 500
21	82.5	91	615	161	4 625	231	34 500
22	85	92	630	162	4 750	232	35 500
23	87.5	93	650	163	4 875	233	36 500
24	90	94	670	164	5 000	234	37 500
25	92.5	95	690	165	5 150	235	38 750
26	95	96	710	166	5 300	236	40 000
27	97.5	97	730	167	5 450	237	41 250
28	100	98	750	168	5 600	238	42 500
29	103	99	775	169	5 800	239	43 750
30	106	100	800	170	6 000	240	45 000
31	109	101	825	171	6 150	241	46 250
32	112	102	850	172	6 300	242	47 500
33	115	103	875	173	6 500	243	48 750
34	118	104	900	174	6 700	244	50 000
35	121	105	925	175	6 900	245	51 500
36	125	106	950	176	7 100	246	53 000
37	128	107	975	177	7 300	247	54 500
38	132	108	1 000	178	7 500	248	56 000
39	136	109	1 030	179	7 750	249	58 000
40	140	110	1 060	180	8 000	250	60 000
41	145	111	1 090	181	8 250	251	61 500
42	150	112	1 120	182	8 500	252	63 000
43	155	113	1 150	183	8 750	253	65 000
44	160	114	1 180	184	9 000	254	67 000
45	165	115	1 215	185	9 250	255	69 000
46	170	116	1 250	186	9 500	256	71 000
47	175	117	1 285	187	9 750	257	73 000
48	180	118	1 320	188	10 000	258	75 000
49	185	119	1 360	189	10 300	259	77 500
50	190	120	1 400	190	10 600	260	80 000
51	195	121	1 450	191	10 900	261	82 500
52	200	122	1 500	192	11 200	262	85 000
53	206	123	1 550	193	11 500	263	87 500
54	212	124	1 600	194	11 800	264	90 000
55	218	125	1 650	195	12 150	265	92 500
56	224	126	1 700	196	12 500	266	95 000
57	230	127	1 750	197	12 850	267	97 500
58	236	128	1 800	198	13 200	268	100 000
59	243	129	1 850	199	13 600	269	103 000
60	250	130	1 900	200	14 000	270	106 000
61	257	131	1 950	201	14 500	271	109 000
62	265	132	2 000	202	15 000	272	112 000
63	272	133	2 060	203	15 500	273	115 000
64	280	134	2 120	204	16 000	274	118 000

<i>LI</i>	<i>kg</i>	<i>LI</i>	<i>kg</i>	<i>LI</i>	<i>kg</i>	<i>LI</i>	<i>kg</i>
65	290	135	2 180	205	16 500	275	121 000
66	300	136	2 240	206	17 000	276	125 000
67	307	137	2 300	207	17 500	277	128 500
68	315	138	2 360	208	18 000	278	132 000
69	325	139	2 430	209	18 500	279	136 000
70	335	140	2 500	210	19 000		

Annex 5, Table 4, amend to read:

"Drive wheel tyres for agricultural tractors - Low section series

<i>Tyre size designation (1)</i>	<i>Theoretical rim width code (A1)</i>	<i>Nominal section width (S1) (mm)</i>	<i>Overall diameter (D) (mm)</i>	<i>Nominal rim diameter (d) (mm)</i>
300/70R20	9	295	952	508
320/70R20	10	319	982	508
320/70R24	10	319	1 094	610
320/70R28	10	319	1 189	711
360/70R20	11	357	1 042	508
360/70R24	11	357	1 152	610
360/70R28	11	357	1 251	711
380/70R20	12	380	1 082	508
380/70R24	12	380	1 190	610
380/70R28	12	380	1 293	711
420/70R24	13	418	1 248	610
420/70R28	13	418	1 349	711
420/70R30	13	418	1 398	762
480/70R24	15	479	1 316	610
480/70R26	15	479	1 372	660
480/70R28	15	479	1 421	711
480/70R30	15	479	1 478	762
480/70R34	15	479	1 580	864
480/70R38	15	479	1 681	965
520/70R26	16	516	1 456	660
520/70R30	16	516	1 536	762
520/70R34	16	516	1 640	864
520/70R38	16	516	1 749	965
580/70R38	18	577	1 827	965

(1) "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/70R38) ; "Very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/70R38) – see paragraph 3.1.12. of this Regulation.

Annex 7, Part A, amend to read:

"Part A: Drive wheel tyres for agricultural tractors

Applicable to tyres classified with categories of use: "Tractor drive wheel"
(see paragraph 2.20. of this Regulation)

Variation of load carrying capacity (per cent)

Speed (km/h)	Speed category symbol						(1)
	A2	A6 (+)	A8 (+)	D (+)	A8 (2)	D (2)	
10	[0]	+40	+50	+50	0	0	+ 58
15	-6	+30	+34	+34	0	0	+ 32
20	-11	+20	+23	+23	0	0	+ 26
25	-16	+7	+11	+18,5	0	0	+ 19
30	-20	[0]	+7	+15	0	0	+ 12
35	-24	-5	+3	+12	0	0	+ 10
40	-27	-10	[0]	+9,5	[0]	0	+ 6
45	-	-	-4	+7	-4	0	+ 2
50	-	-	-9	+5	-9	0	[0]
55	-	-	-	+3	-	0	-
60	-	-	-	+1,5	-	0	-
65	-	-	-	[0]	-	[0]	-
70	-	-	-	-9	-	-9	-

The above load/speed variations apply when the tyre is not subjected to sustained high torque service.

- (+) For field applications with sustained high torque service the values shown in the line 30 km/h apply.
- (1) These percentages apply only in case of tyres listed in Annex 5, Table 7, with nominal rim diameter (d) 381 mm and above, marked with speed symbol "B"
- (2) These load/speed variations apply to IF and VF Tyres."