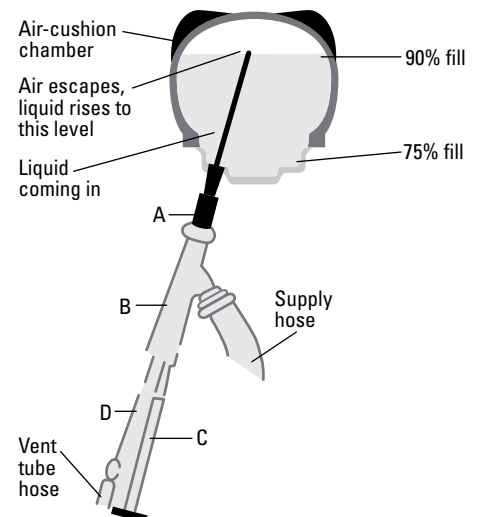
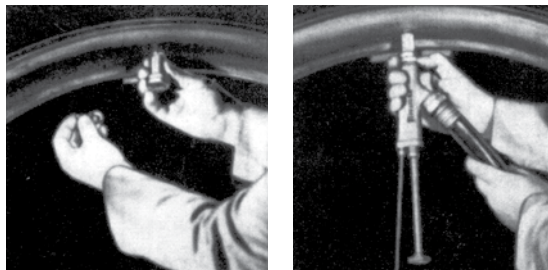


HYDROINFLATION

HYDROINFLATION PROCEDURE FOR FLUID BALLAST

TO FILL:

1. After the beads have been fully seated in the mounting procedure, inflate the tire to 35 psi (240 kPa). Jack up the wheel and rotate the wheel assembly so the valve is at the top of the rim. Lower the jack until the tire is slightly deflected.
2. Connect the assembly to fill the tire with fluid as shown in the illustration to the right.



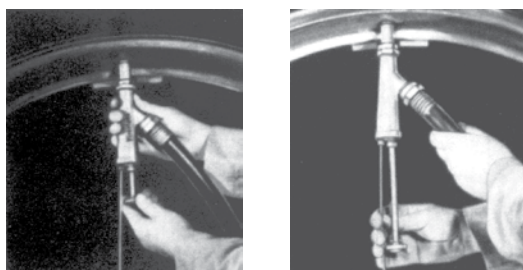
Attach adapter and unit assembly **part A** to valve stem. Do not use pliers. Also attach supply hose to **part B**. **Part C** is used to remove core housing.

In warm climates where calcium-chloride may not be desired, tires can be filled with water only. A pump is not necessary when only water fill is used. Tires may be filled directly by using a valve adapter on a hose.

3. After the connection (in step 2) is made, bleed the air pressure down to about 5 psi (35 kPa) by moving the control handle (**part C**) to the evacuate position. Five psi (35 kPa) keeps the beads seated on the rim.
4. When this point is reached, start the pump and move the control handle to the fill position. Use a hydroinflation pump to fill the tire with calcium chloride or non-damaging anti-freeze solution (consult tube or tire manufacturer for recommendations). Check the pressure in the tire every few minutes with the pump gauge by placing the pump in neutral or check position. If the pressure exceeds 20 psi (140 kPa), move the handle to the evacuate position, until the pressure is bled back to not less than 5 psi (35 kPa). After the pressure is lowered, continue to add fluid. Repeat the above steps as often as necessary.

Industry practice is to maintain the fluid level at 75%. (Fluid fill should be maintained at a level sufficient to cover the valve and keep the rim completely submerged.)

5. Replace the core housing in the valve stem by pushing the handle in until the housing is screwed tightly into the valve stem. Then withdraw the handle. Turn the handle to evacuate and pump all the liquid from the hose. Next, shut off the pump and unscrew the assembly from the valve.



Tire being filled with hydroinflation equipment.

HYDROINFLATION PROCEDURE FOR FLUID BALLAST

6. Inflate the tire to seat the beads, not exceeding 35 psi (240 kPa). With the valve stem still at the top, bleed the excess fill down to 1-2 psi (7-14 kPa) above the recommended inflation pressure.
7. Finally, rotate the tire and wheel assembly so that the valve is at the bottom of the tire. Set the final operating pressure with the tire mounted on the tractor and its full weight on the tire.

TO REMOVE FILL:

1. Jack up the tractor until the tire is slightly deflected. Rotate the tire and wheel assembly until the valve is at the bottom.
2. Connect the assembly to the valve stem. Unscrew and retract the core housing (**part C**) into ejector body with the control handle in the check or neutral position. Attach the adapter (**part B**) to the valve. Remove the core housing and connect the supply hose to the **adapter B**.
3. Start the pump and turn the control handle to the evacuate position. The fluid is rapidly withdrawn from the tire. Gravity flow may also be used to remove the fluid.

When removing fluid from tubeless tires, be careful not to unseat the beads until most of the fluid has been pumped from the tire. Consult your tire supplier for information on hydroinflation equipment such as pumps, compressors, air-water conversion hardware parts, etc.



Tire rotated so valve is at bottom with hydroinflation fluid being removed.

NOTES:

1. Tables are based on using type 1 calcium chloride (77% CaCl₂). If type 2 concentrated calcium chloride (94% CaCl₂) is used, reduce specified "CaCl₂ LBS" in tables by 25%.
2. Values shown in tables are approximate and represent 75% fill or "valve-level" fill (with valve at top of tire) which is recommended practice.
3. Anti-freeze protection levels are shown at the top of each table for different solutions.
4. For rear tires mounted on narrower rims, decrease quantities at the rate of 4% for each 1-inch reduction in rim width. For wider rims, increase quantities by 4% for each 1-inch increase in rim width.

DRIVE WHEEL TIRES

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
20x8.00-10	6.00	4.0	29	3	13	36	3	14	38
21x8.00-10	6.00	4.0	35	3	16	42	3	17	45
5-12	3.75	3.1	26	3	10	32	3	13	33
6-12	5.00	3.6	30	3	11	37	3	15	39
23x10.50-12	8.50	6.8	57	6	21	70	6	28	74
24x8.50-12	7.00	6.0	50	5	23	61	5	24	65
6-14	5.00	5.6	47	5	17	57	5	23	61
7-14	5.00	6.0	51	5	23	62	5	25	65
24x8.50-14	7.00	5.0	43	4	20	53	4	21	56
25x8.50-14	7.00	6.0	51	5	23	62	5	25	65
200/85D14	7.00	7.9	66	6	30	80	6	32	85
215/65D14	7.00	6.9	57	5	26	70	6	28	74
29x12.00-15	10.00	15.5	129	12	59	157	13	63	167
8-16	6.00	10.7	90	8	41	109	9	43	116
9.5-16	8.00	14.5	121	11	55	147	12	59	157
12.4-16	11.00	27.1	226	21	103	275	22	110	293
13.6-16	12.00	34.5	288	26	131	350	28	140	373
18.4-16.1	16.00	60.7	506	46	231	616	49	246	655
21.5L-16.1	16.00	69.4	578	53	264	704	56	281	749
250/85D16.5	8.25	14.2	118	11	54	144	11	57	153
265/55D16.5	8.25	10.2	85	8	39	103	8	41	110
320/55D16.5	9.75	14.8	124	11	56	150	12	60	160
340/80R18	11.00	27.6	230	21	105	280	22	112	298
380/70D19.5	11.75	37.1	310	28	141	377	30	150	401
9.5-22	8.00	19.9	166	15	76	202	16	80	214
8.3-24	7.00	15.9	133	12	60	161	13	64	172
9.5-24	8.00	19.8	165	15	75	200	16	80	213
11.2-24	10.00	27.9	233	21	106	284	23	113	301

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
12.4-24	11.00	34.4	287	26	131	349	28	139	371
13.6-24	12.00	42.6	355	32	162	432	34	172	459
14.9-24	13.00	54.8	457	42	208	556	44	221	591
16.9-24	15.00	69.9	583	53	266	710	57	283	755
16.9R24	15.00	68.6	572	52	261	696	55	277	740
17.5L-24	15.00	62.4	520	47	237	633	50	252	673
17.5LR24	15.00	60.0	501	46	228	609	49	243	648
18.4-24	16.00	87.2	727	66	332	885	71	353	941
19.5L-24	16.00	79.5	663	60	302	806	64	321	857
21L-24	18.00	98.9	825	75	376	1004	80	400	1068
320/85R24 (12.4R24)	10.00	30.0	250	23	114	304	24	121	323
340/85R24 (13.6R24)	11.00	37.3	311	28	142	379	30	151	403
380/85D24	12.00	51.8	432	39	197	526	42	210	559
380/85R24 (14.9R24)	12.00	46.8	391	36	178	475	38	189	505
420/70-24	13.00	50.1	418	38	191	508	41	203	541
460/60D24	15.00	55.0	458	42	209	558	44	222	593
480/65R24	15.00	60.9	508	46	232	619	49	246	658
540/65R24	16.00	77.8	649	59	296	790	63	315	840
13.6-26	12.00	40.0	334	35	123	415	33	165	440
14.9-26	12.00	55.6	464	42	212	565	45	225	601
14.9R26	13.00	54.2	452	41	206	551	44	219	585
16.9-26	15.00	69.0	576	53	263	701	56	279	745
18.4-26	16.00	90.7	756	69	345	920	73	367	979
18.4R26	16.00	89.2	744	68	339	905	72	361	962
23.1-26	20.00	150.6	1256	115	573	1529	122	609	1625
28L-26	25.00	185.9	1550	141	707	1887	150	752	2006
420/85R26 (16.9R26)	15.00	72.5	604	55	276	735	59	293	782
750/65R26	25.00	188.0	1568	143	715	1909	152	761	2029

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
11.2-28	10.00	31.8	265	24	121	323	26	129	343
12.4-28	11.00	39.0	326	30	148	396	32	158	421
13.6-28	12.00	48.0	400	36	182	487	39	194	518
14.9-28	13.00	59.8	499	45	227	607	48	242	645
16.9-28	15.00	76.7	639	58	292	778	62	310	827
16.9R28	15.00	70.3	586	53	267	713	57	284	758
18.4-28	16.00	94.9	792	72	361	963	77	384	1024
18.4R28	16.00	87.4	729	66	332	887	71	353	943
21L-28	18.00	107.9	900	82	411	1095	87	437	1165
340/85R28 (13.6R28)	12.00	45.5	379	35	173	461	37	184	491
380/85R28 (14.9R28)	13.00	56.8	474	43	216	577	46	230	613
420/85R28 (16.9R28)	15.00	76.2	635	58	290	773	62	308	822
480/70R28	15.00	81.0	675	62	308	822	65	327	874
600/65R28	18.00	109.1	910	83	415	1108	88	441	1178
600/70R28	18.00	117.3	979	89	446	1191	95	475	1266
14.9-30	13.00	61.2	510	47	233	621	49	247	660
16.9-30	15.00	83.3	695	63	317	846	67	337	899
16.9R30	15.00	82.3	686	63	313	835	67	333	888
18.4-30	16.00	102.7	857	78	391	1043	83	416	1109
23.1-30	20.00	168.3	1404	128	640	1709	136	681	1817
380/85R30 (14.9R30)	13.00	60.1	501	46	229	610	49	243	648
420/90R30	15.00	78.8	657	60	300	800	64	319	851
480/70R30	15.00	83.7	698	64	319	850	68	339	904
480/80R30 (18.4R30)	16.00	90.9	758	69	346	923	74	368	981
540/65R30	16.00	91.4	762	70	348	927	74	370	986
600/70R30	20.00	129.8	1082	99	494	1317	105	525	1401
IF600/70R30	20.00	128.3	1070	98	488	1303	104	519	1385

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
9.5-32	8.00	24.3	202	18	92	246	20	98	262
24.5-32	21.00	195.3	1628	149	743	1982	158	790	2107
24.5R32	21.00	188.2	1570	143	716	1910	152	761	2031
30.5L-32	27.00	244.1	2036	186	929	2478	197	987	2634
30.5LR32	27.00	236.6	1973	180	900	2401	191	957	2553
35.5L-32	27.00	365.5	3048	278	1390	3710	296	1478	3944
650/75R32	21.00	173.3	1445	132	659	1759	140	701	1870
800/65R32	27.00	248.3	2071	189	945	2520	201	1004	2679
900/60R32	27.00	306.2	2554	233	1165	3108	248	1239	3305
900/65R32	31.00	317.6	2649	242	1208	3224	257	1285	3428
900/75R32	30.00	401.8	3351	306	1529	4078	325	1625	4336
16.9-34	15.00	92.1	768	70	351	935	75	373	994
18.4-34	16.00	109.6	914	83	417	1113	89	444	1183
18.4R34	16.00	107.8	899	82	410	1094	87	436	1163
20.8-34	18.00	146.1	1219	111	556	1483	118	591	1577
20.8R34	18.00	128.0	1068	109	382	1291	103	515	1374
23.1-34	20.00	180.6	1506	137	687	1833	146	731	1949
23.1R34	20.00	171.6	1431	131	653	1742	139	694	1852
290/95R34	10.00	37.3	311	28	142	379	30	151	403
320/85R34	10.00	39.3	328	30	149	399	32	159	424
380/85R34 (14.9R34)	13.00	65.6	547	50	250	666	53	265	708
385/85R34	13.00	66.2	552	50	252	672	54	268	714
420/85R34 (16.9R34)	13.00	79.0	659	60	301	802	64	320	853
IF420/85R34	14.00	77.2	644	59	294	783	62	312	833
480/70R34	15.00	87.3	728	66	332	886	71	353	942
480/85R34	16.00	107.2	894	82	408	1088	87	434	1157
520/85R34 (20.8R34)	16.00	136.1	1135	104	518	1382	110	551	1469
9.5-36	8.00	26.4	221	20	101	268	21	107	285

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
11.2-36	10.00	38.9	324	30	148	395	31	157	420
12.4-36	11.00	47.3	395	36	180	480	38	191	511
13.6-36	12.00	61.5	513	47	234	624	50	249	664
11.2-38	10.00	40.4	337	31	154	410	33	163	436
12.4-38	11.00	50.2	419	38	191	510	41	203	542
13.6-38	12.00	61.8	515	47	235	627	50	250	667
14.9-38	12.00	77.6	647	59	295	788	63	314	837
15.5-38	14.00	69.3	578	53	264	703	56	280	748
15.5R38	14.00	67.6	564	51	257	686	55	273	729
16.9-38	15.00	99.4	829	76	378	1009	80	402	1072
16.9R38	15.00	90.0	751	77	270	912	73	365	974
18.4-38	16.00	115.7	965	88	440	1175	94	468	1249
18.4R38	16.00	116.6	973	89	444	1184	94	472	1259
20.8-38	18.00	152.4	1271	116	580	1547	123	616	1644
20.8R38	18.00	151.5	1263	115	576	1538	123	613	1635
290/85D38	10.00	40.8	340	31	155	414	33	165	440
320/85R38	10.00	43.2	361	33	164	439	35	175	467
380/80R38	12.00	62.1	518	47	236	630	50	251	670
IF380/80R38	12.00	61.6	514	47	235	626	50	249	665
420/85R38 (16.9R38)	15.00	95.8	799	73	365	973	78	388	1034
IF420/85R38	14.00	84.0	700	64	319	852	68	340	906
480/80R38 (18.4R38)	16.00	116.0	967	88	441	1177	94	469	1252
520/85D38	18.00	149.9	1250	114	570	1521	121	606	1618
520/85R38 (20.8R38)	18.00	151.3	1262	115	576	1535	122	612	1633
540/65R38	16.00	107.1	893	81	407	1087	87	433	1156
600/65R38	18.00	139.6	1164	106	531	1417	113	565	1507
650/65R38	20.00	178.6	1489	136	679	1812	144	722	1927
650/85R38	23.00	249.0	2076	189	947	2527	201	1007	2687

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
IF650/85R38	23.00	249.0	2076	189	947	2527	201	1007	2687
710/70R38	23.00	230.0	1919	175	875	2335	186	931	2483
IF710/70R38	25.00	230.3	1920	175	876	2337	186	931	2485
800/70R38	25.00	298.5	2489	227	1135	3029	241	1207	3221
9.5-42	8.00	31.5	262	24	120	319	25	127	339
12.4-42	11.00	50.0	417	38	190	508	40	202	540
18.4-42	16.00	129.5	1080	99	493	1314	105	524	1397
18.4R42	16.00	115.8	966	88	441	1175	94	468	1250
20.8-42	18.00	163.3	1362	124	621	1658	132	661	1762
20.8R42	18.00	163.0	1359	124	620	1654	132	659	1759
320/90R42	10.00	50.8	424	39	193	516	41	206	549
480/80R42 (18.4R42)	16.00	126.3	1054	96	481	1282	102	511	1364
520/85R42 (20.8R42)	18.00	160.4	1338	122	610	1628	130	649	1731
620/70R42	20.00	175.0	1460	133	666	1776	142	708	1889
710/70R42	23.00	246.8	2059	188	939	2505	200	998	2664
IF710/70R42	25.00	247.8	2065	188	942	2513	200	1002	2672
IF710/75R42	25.00	247.6	2065	188	942	2513	200	1002	2672
IF850/75R42	30.00	423.5	3532	322	1611	4298	343	1713	4570
900/50R42	28.00	252.2	2103	192	959	2560	204	1020	2721
13.6-46	12.00	63.7	531	48	242	646	52	258	687
14.9R46	13.00	81.6	681	62	311	828	66	330	881
18.4-46	16.00	129.0	1075	111	389	1314	105	525	1400
18.4R46	16.00	121.7	1015	93	463	1235	98	492	1313
320/90R46 (12.4R46)	10.00	54.4	454	41	207	552	44	220	587
380/90R46	12.00	83.4	695	63	317	846	67	337	900
IF380/90R46	12.00	75.8	633	58	289	770	61	307	818
420/80R46	13.00	94.4	787	72	359	958	76	382	1019
480/80R46 (18.4R46)	16.00	132.0	1101	100	502	1340	107	534	1424

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
520/85R46	16.00	160.4	1338	122	610	1628	130	649	1731
IF520/85R46	18.00	161.6	1348	123	615	1640	131	654	1744
230/95R48	8.00	26.3	219	20	100	267	21	106	283
320/90R50	10.00	58.4	487	44	222	593	47	236	630
380/105R50	12.00	111.9	933	85	426	1136	91	453	1208
380/90R50	12.00	86.1	718	65	327	873	70	348	929
IF380/105R50	12.00	111.9	933	85	426	1136	91	453	1208
480/80R50	15.00	133.4	1113	102	508	1354	108	540	1440
IF480/80R50	15.00	131.0	1093	100	498	1330	106	530	1414
IF480/95R50	15.00	162.0	1351	123	616	1644	131	655	1748
320/90R54 (12.4R54)	10.00	61.1	509	46	232	620	49	247	659
380/90R54	12.00	92.2	769	70	351	936	75	373	995

IMPLEMENT AND FARM TIRES

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
7.50-14	5.50	8.6	72	7	33	88	7	35	93
8.5L-14	6.00	10.2	85	8	39	103	8	41	110
9.5L-14	7.00	12.6	105	10	48	128	10	51	136
11L-14	8.00	14.5	121	11	55	147	12	59	157
5.00-15	3.00	4.3	36	3	17	44	4	18	47
5.90-15	4.50	5.3	45	4	20	54	4	22	58
6.70-15	4.50	6.6	55	5	25	67	5	27	72
7.60-15	5.50	9.0	75	7	34	91	7	36	97
9.5L-15	7.00	12.4	103	9	47	126	10	50	134
10.00-15	8.00	19.8	165	15	75	201	16	80	213
11L-15	8.00	15.5	129	12	59	157	13	63	167

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
12.5L-15 (12-18)	10.00	21.3	177	16	81	216	17	86	229
12.5L-15 (8)	10.00	20.8	173	16	79	211	17	84	224
27x8.50-15	7.00	7.8	65	6	30	79	6	32	84
27x9.50-15	8.00	9.5	80	7	36	97	8	39	103
31x13.50-15	10.00	19.7	165	15	75	200	16	80	213
6.00-16	4.00	6.2	52	5	24	63	5	25	67
7.50-16	5.50	8.6	72	7	26	88	7	35	93
11L-16	8.00	16.0	134	12	61	163	13	65	173
12.5L-16	10.00	20.7	173	16	79	210	17	84	224
13.50-16.1	11.00	36.3	303	28	138	368	29	147	392
14L-16.1	11.00	31.8	266	24	121	323	26	129	344
16.5L-16.1	14.00	46.1	385	35	175	468	37	187	498
19L-16.1	16.00	58.3	486	44	222	591	47	236	629
21.5L-16.1	16.00	76.5	638	58	291	777	62	310	826
36x16-17.5	10.50	30.2	252	23	115	307	24	122	326
10.5/80-18	9.00	18.1	151	14	69	184	15	73	195
12.0/12.5-18	9.00	10.0	65	7	23	79	6	32	84
12.5/80-18	9.00	25.5	212	19	97	258	21	103	275
40x19-19.5	15.00	38.4	321	29	146	390	31	156	415
10.0/10.5-20	9.00	8.3	52	5	19	63	5	25	67
11.25-20	8.00	27.5	230	21	105	280	22	111	297
7.50-22	5.50	14.6	122	11	55	148	12	59	157
9.00-24	8.00	28.4	237	22	108	288	23	115	306
11.25-24	10.00	41.1	342	31	156	417	33	166	443
11.25-28	10.00	44.8	374	34	170	455	36	181	484

FRONT TRACTOR TIRES

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
4.00-9	3.00	2.0	14	1	6	17	1	7	18
4.50-10	3.00	2.0	17	2	8	20	2	8	22
4.00-12	3.00	2.1	18	2	6	21	2	9	23
4.00-15	3.00	2.6	22	2	8	26	2	11	28
7.5L-15	6.00	8.3	69	7	25	84	7	34	89
11L-15 (8)	8.00	15.2	126	12	58	154	12	61	164
11L-15 (10)	8.00	15.3	127	12	58	155	12	62	165
5.50-16	4.00	5.2	44	4	20	53	4	21	56
6.50-16	4.50	7.0	58	6	21	71	6	29	76
7.50/8.00-16	5.50	12.0	100	9	46	122	10	48	129
7.50-16	5.50	9.8	82	8	29	99	8	40	107
10.00-16	8.00	19.4	162	15	74	197	16	78	209
11.00-16	10.00	27.8	232	21	106	282	23	113	300
11L-16	8.00	15.4	128	12	59	156	12	62	166
14L-16.1	11.00	32.0	267	24	122	325	26	130	346
14.5/75-16.1	11.00	29.7	248	23	113	301	24	120	320
16.5L-16.1	14.00	46.7	389	36	178	474	38	189	504
7.50-18	5.50	11.0	92	9	33	111	9	45	120
4.00-19	3.00	3.1	26	3	10	32	3	13	33
7.50-20	5.50	13.3	111	10	50	135	11	54	143
11.00-24	10.00	36.2	302	28	138	368	29	147	391

FORESTRY/FLOTATION TIRES

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
31x15.50-15	13.00	21.9	182	17	83	222	18	88	236
42x25.00-20	20.50	59.6	497	45	227	605	48	241	643
48x25.00-20	20.50	91.7	765	70	349	930	74	371	989
48x31.00-20	26.00	114.2	952	87	434	1159	92	462	1232
600/55-22.5	20.00	84.0	700	64	320	852	68	340	906
700/50-22.5	24.00	101.4	846	77	386	1029	82	410	1094
54x37.00-25	32.00	157.1	1310	120	598	1595	127	636	1696
66x43.00-25	36.00	308.5	2573	235	1174	3131	250	1248	3329
66x44.00-25	36.00	367.0	3061	279	1396	3725	297	1485	3961
67x34.00-25	30.00	225.3	1879	171	857	2287	182	911	2432
1050/50R25	36.00	299.2	2496	228	1138	3037	242	1210	3229
18.4-26	16.00	80.3	670	61	305	815	65	325	866
23.1-26	20.00	137.0	1142	104	521	1390	111	554	1478
28L-26	25.00	167.6	1398	127	637	1701	136	678	1808
57x31.00-26	25.00	168.7	1407	128	642	1712	136	682	1820
66x43.00-26	36.00	295.5	2465	225	1124	3000	239	1195	3189
67x34.00-26	30.00	223.3	1863	170	850	2267	181	903	2410
16.9-30	15.00	72.8	607	55	277	739	59	294	785
24.5-32	21.00	169.2	1411	129	644	1717	137	684	1826
30.5L-32	27.00	236.7	1974	180	901	2403	192	958	2555
DH35.5L-32	31.00	326.7	2724	249	1243	3316	264	1321	3525
68x50.00-32	44.00	324.2	2704	247	1233	3290	262	1311	3498
DH73x44.00-32	36.00	325.9	2718	248	1240	3308	264	1318	3518
VA73x44.00-32	36.00	350.5	2923	267	1333	3557	284	1418	3782
76x50.00-32	44.00	460.6	3841	350	1752	4675	373	1863	4970
18.4-34	16.00	98.2	819	75	374	997	79	397	1060

METRIC FORESTRY TIRES

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
600/55B26.5	20.00	85.0	709	65	323	863	69	344	917
700/50B26.5	24.00	101.7	848	77	387	1032	82	411	1097
710/45B26.5	24.00	103.2	861	79	393	1048	84	418	1114
750/55B26.5	24.00	139.6	1164	106	531	1417	113	565	1507
600/65B34	20.00	117.4	979	89	447	1192	95	475	1267
700/55B34	24.00	139.3	1162	106	530	1414	113	564	1504

LIGHT INDUSTRIAL TIRES

TIRE SIZE	RIM WIDTH	WATER		3 1/2 LB SOLUTION			5 LB SOLUTION		
		SOLID AT +32° F		SLUSH-FREE TO -12° F SOLID AT -52° F			SLUSH-FREE TO -53° F SOLID AT -62° F		
		3/4 FILL H ₂ O	H ₂ O WEIGHT	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.	GAL H ₂ O	CaCl ₂ LBS	TOTAL WT.
215/70D15	7.00	6.9	57	5	26	70	6	28	74
260/65D15	8.00	8.7	73	7	33	89	7	35	94
390/60D15	13.00	20.5	171	16	78	208	17	83	221
265/70D16.5	8.25	13.4	112	10	51	136	11	54	145
305/70D16.5	9.75	16.6	138	13	63	169	13	67	179
330/55D16.5	9.75	14.9	124	11	57	151	12	60	160
395/55D16.5	12.00	21.9	183	17	83	222	18	89	236
14-17.5	10.50	26.8	224	20	102	272	22	108	289
355/70D17.5	10.50	25.2	210	19	96	256	20	102	272
15-19.5	11.75	34.0	284	26	129	345	28	138	367
385/65D19.5	11.75	33.5	279	25	127	340	27	135	361
445/65D19.5	14.00	45.8	382	35	174	464	37	185	494
15-22.5	11.75	34.7	289	26	132	352	28	140	374
385/65D22.5	11.75	34.7	289	26	132	352	28	140	374
445/65D22.5	14.00	50.4	421	38	192	512	41	204	544
500/70R24	16.00	75.5	630	57	287	767	61	306	815