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Firestone

Catalog

Low-Pressure

Tractor Tire and

Wheel Data

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FIR-C-TIRES

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Firestone

Low-Pressure

TRACTOR

TIRE and

WHEEL

DATA



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FIR C-TIRE

ADVANTAGES of

» **Firestone** «

Low-Pressure

TRACTOR TIRES

1. Firestone Low-Pressure Tractor Tires make the tractor available for over twice the usual run of tractor work, thus more than doubling its value to the farmer.

2. They reduce the rolling resistance and appreciably increase the drawbar horsepower of the tractor, making it capable of doing more work.

3. They enable the tractor to be used at any time on paved or improved highways. They do not injure the floors in barns and other farm buildings.

4. They can be used in meadows, orchards, citrus groves and on golf courses without injuring the turf or tearing up the soil.

5. During field operations, turns can be made without injury to adjoining fields.

6. Their low air pressure limits ground pressure to 12 pounds per square inch. Thus they do not pack the soil, making the Firestone-equipped tractor ideal for seeding, harrowing, cultivating, and other light, comparatively fast operations.

7. They permit higher speeds and make it possible to pull the same loads in higher gear. This permits an appreciable saving of time in many farming operations.

8. They do not throw dirt over machine and operator. The V-tread provides maximum traction and is self-cleaning.

9. They save fuel—in some operations as much as 25%.

10. They make the tractor ride smoothly, enabling the operator to do more and better work with less fatigue.

11. They reduce vibration and depreciation, thereby cutting maintenance costs.

12. They can be inflated with a hand pump.

13. Savings in fuel and time, plus the added work done by the tractor and its greater usefulness, will soon repay the cost of the Firestone Low-Pressure Tractor Tires.

14. They have the famous patented Firestone features—*Gum-Dipped* cord construction that has 58% greater flexing life than ordinary cords—Two Extra *Gum-Dipped* Cord Plies Under the Tread, which gives a stronger bond between tread and cord body and greater protection against punctures and blowouts. *Gum-Dipping* is the only known process for protecting *every fiber* in every cord *in every ply* against blowouts.

*Cultivating sugar cane
in the Hawaiian Islands*



SIZES AND SPECIFICATIONS

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Tire Size	Rim Size	Section Diam.	Overall Diam.	Loaded Radius	Max. Load	Min. Air Pressure
6.00-9	4.00-E-9	6.2	21.4	9.6	570	24
6.00-16	4.50-E-16	6.5	28.5	13.2	835	24
7.50-10	5.00-F-10	7.7	24.7	11.0	925	24
7.50-18	4.19-F-18	7.6	33.3	15.3	1280	24
9.00-24	6.00-S-24	9.5	43.0	19.6	1300	12
9.00-36	6.00-S-36	9.5	55.0	25.6	1500	12
11.25-24	8.00-T-24	11.9	46.2	20.8	1900	12
12.75-28	8.00-T-28	12.8	52.7	23.8	2350	12

AIR PRESSURE IS IMPORTANT

It is extremely important to maintain the correct air pressure in low-pressure tractor tires. This is not a matter of guesswork. The pressure should be checked with a low-pressure gauge. Therefore, every owner of a tractor equipped with Firestone Low-Pressure Tractor Tires should have a low-pressure tire gauge and be made fully aware of the necessity of using it periodically to check the tire inflation.

Air pressure of a low-pressure tractor tire must be maintained as shown in the tables below. Higher pressure than the recommended pressure reduces traction and increases the tendency to dig in and pack the soil—lower pressure decreases tire life and may cause the tire to slip on the rim.

LOAD AND INFLATION TABLE

Minimum Inflation Pressure	FRONT TIRES—STATIC WHEEL LOADS			
	6.00-9	6.00-16	7.50-10	7.50-18
12 lbs.	385	560	615	855
16 lbs.	450	660	725	1,010
20 lbs.	515	750	830	1,150
24 lbs.	570	835	925	1,280
28 lbs.	625	915	1,000	1,400

Minimum Inflation Pressure	REAR TIRES—STATIC WHEEL LOADS			
	9.00-24	9.00-36	11.25-24	12.75-28
8 lbs.	1,030	1,190	1,500	1,850
10 lbs.	1,170	1,350	1,700	2,100
12 lbs.	1,300	1,500	1,900	2,350
14 lbs.	1,420	1,640	2,080	2,570
16 lbs.	1,540	1,770	2,250	2,780