



TRELLEBORG



Trelleborg



Agro Industrial range



The Trelleborg Agro Industrial radial range is specifically designed for the latest generations of telescopic handlers, backhoes, and mini loaders. With its versatility and adaptability, it is well-suited for numerous applications. The TH400 stands out as a true performer, excelling in operating on the toughest terrains and handling the most challenging conditions with ease. Its exceptional stability ensures your machine maintains its balance, even when the boom is fully extended. For road transport and yard usage, look no further than the TH500. This tire boasts advanced features and delivers a premium driving experience. Trelleborg's TH400 and TH500 tires enhance your operations to new heights.



**EXTENDED
TIRE LIFE**



**EXCELLENT
STABILITY**



**LOW
FUEL CONSUMPTION**



**REDUCED
ENVIRONMENTAL IMPACT**

TH400 Long tire life

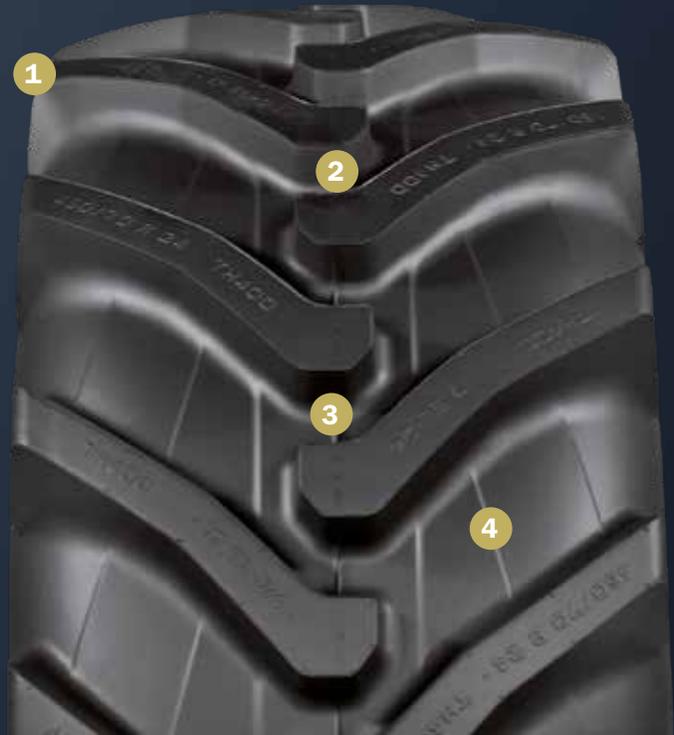
The innovative TH400 tread pattern has been engineered to maximize abrasion and wear resistance, boosting the overall strength and mileage of the tire, even on the toughest soils.

1 Rounded lug edges to increase cut resistance

2 Overlapping lug edges help to improve wear and to deliver a smoother ride on hard soils

3 Rib in the center of the tread to improve lug stiffness

4 Inter-lug terraces to enhance self-cleaning capability



Superior traction performance

Inspired by agricultural tractor treads, the thicker central section guarantees excellent field traction and road handling. The shoulder and lug shapes enhance traction on muddy and soft soil, and the inter-lug terraces at the base of the lugs improve self-cleaning, which results in improved fuel efficiency.

High lateral stability, great manoeuvrability

The TH400 design results in a reduction of lateral deformation of more than 20%. Indeed, the advanced TH400 radial carcass along with the reinforced structure ensure the maximum machine stability even on tough slopes, permitting great maneuverability and comfort.

Lateral stability - Index



TH400
-21%
vs Competitor

Reference size: 460/70R24
Pull force: from 2,205 lbs. to 13,230 lbs.
D: Displacement

Low fuel consumption, low emissions

The TH400 stands out for its exceptional low rolling resistance, leading to reduced fuel consumption and emissions. By choosing the TH400, you can increase your profitability while respecting the environment.

Fuel consumption - gal/hr *Lower is better*

4.8



TH400

5



Competitor

5.3



Average of the market

Up to \$1,850 saved
per year vs. the average
of the market

Reference size: 460/70R24
Vehicle: 120 hp
Fuel Cost: 1.03/gal
900 working hours per year

TH500

Excellent tread resistance

The TH500 tire features a closed tread design in the center, ensuring exceptional durability and a long lifespan.

The shoulder area is designed with an open pattern, facilitating the tire cleaning, further enhanced by the presence of inter-lug terraces between the lugs. Overall, the TH500 guarantees high traction capacity and outstanding self-cleaning performance, providing a premium driving experience.

1 Reinforced sidewall to prevent sidewall damage and to increase stability



2 Wider shoulder lug to enhance lateral stability



3 Full central area to increase tread resistance in all working conditions



4 Inter-lug terraces to boost self-cleaning



Unparalleled wear performance

In agro-industrial applications, high wear resistance is paramount, extending tire life and ensuring smooth operation in tough terrains. Longer-lasting tires reduce downtime, boost productivity, and lower maintenance costs. Additionally, prioritizing wear resistance supports sustainability by reducing tire waste. In conclusion, high wear resistance is essential for durable, efficient, and cost-effective agro-industrial tires.

Wear rate - Index

Higher is better



Reference size: 460/70R24
Load = 9,636 lbs./tire
Inflation pressure = 58 psi
Speed = 11 mph

Tire life - Index

Higher is better



Reference size: 460/70R24

TH400 Agro Industrial

Size	Tread Pattern	SW inches	OD inches	SLR inches	RC inches	SRI	Rim	Permitted Rims	Type	Tube
11LR16 130A8 (replaces 122A8)	TH400	11	33.3	14.6	98.8	400	W8	W10L	Tubeless	
340/80R18 143A8 (143B) (12.5-18)	TH400	13.8	39.1	17.3	118.9	475	11	W10-11SDC W11-12-12SDC	Tubeless	
400/70R18 147A8 (147B) (15.5/70-18)	TH400	15.9	39.8	17.7	119.7	475	13	12 - 12SDC	Tubeless	
400/70R20 149A8 (149B) (16.0/70-20)	TH400	15.6	41.9	18.7	126	525	13	12 - 12SDC 13SDC - 14	Tubeless	
400/70R24 152A8 (152B) (16.0/70-24)	TH400	15.7	45.9	20.5	138.6	575	DW13	DW14L - W14L	Tubeless	
440/80R24 161A8 (161B) (16.9-24)	TH400	18	51.7	23	156.5	625	DW14L	DW15L - 14 - TW14L	Tubeless	
460/70R24 159A8 (159B) (17.5L-24)	TH400	18.3	49.2	21.9	149.2	600	DW15L	DW14L-DW16L 14-TW14L	Tubeless	
500/70R24 164A8 (164B) (19.5L-24)	TH400	19.5	51.3	22.8	155.1	625	DW16L	DW15L - 16	Tubeless	
480/80R26 160A8 (160B) (18.4-26)	TH400	19.5	56.1	24.8	169.9	675	DW15L	DW16L	Tubeless	
440/80R28 156A8 (156B) (16.9-28)	TH400	18	55.8	24.9	169.1	675	DW14L	DW15L	Tubeless	

TH500 Agro Industrial

Size	Tread Pattern	SW inches	OD inches	SLR inches	RC inches	SRI	Rim	Permitted Rims	Type	Tube
340/80R18 143A8 (143B)	TH500	13.8	39.0	17.3	116.7	475	11	W10 - 11SDC W11 - 12 - 12SDC	Tubeless	
400/70R20 149A8 (149B)	TH500	15.9	42.1	18.7	124.8	525	13	12 - 12SDC - 13SDC - 14	Tubeless	
460/70R24 159A8 (159B) (17.5L-24)	TH500	18.5	49.2	22.0	147.0	600	DW15L	DW14L - DW16L - TW14L	Tubeless	
500/70R24TL IND (164A8)	TH500	19.7	51.2	22.6	153.0	625	DW16L	DW15L - 16	Tubeless	



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Yokohama TWS North America, Inc.
107 Audubon Road – Building 2 – Suite 205 – Wakefield, MA 01880
866-633-8473 – info.twsa@yokohama-tws.com
www.trelleborg-tires.com/en-us