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# 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 centre 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 behavior. 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 manoeuvrability and comfort.

## Lateral stability - Index



Reference size: 460/70R24  
Pull force: from 1,000 Kg to 6,000 Kg  
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 - lt/hr

*Lower is better*



Reference size: 460/70R24  
Vehicle: 120 hp  
Fuel cost: 0.95 €/lt  
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 damages and to increase stability



- 2 Wider shoulder lug to enhance lateral stability



- 3 Full central area to increase tread resistance in all working condition



- 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 = 4370 kg/tire  
Inflation pressure = 4.0 bar  
Speed = 17 km/h

## Tire life - Index

Higher is better



Reference size: 460/70R24

# TH400 Agro Industrial

Size	Tread Pattern	SW mm	OD mm	SLR mm	RC mm	SRI	Rim	Permitted Rims	Type	Tube
<b>11LR16 130A8</b> (replaces 122A8)	TH400	280	845	370	2510	400	W8	W10L	Tubeless	
<b>340/80R18 143A8 (143B)</b> (12.5-18)	TH400	351	994	440	3020	475	11	W10-11SDC W11-12-12SDC	Tubeless	
<b>400/70R18 147A8 (147B)</b> (15.5/70-18)	TH400	403	1010	450	3040	475	13	12 - 12SDC	Tubeless	
<b>400/70R20 149A8 (149B)</b> (16.0/70-20)	TH400	395	1065	475	3200	525	13	12 - 12SDC 13SDC - 14	Tubeless	
<b>400/70R24 152A8 (152B)</b> (16.0/70-24)	TH400	400	1165	520	3520	575	DW13	DW14L - W14L	Tubeless	
<b>440/80R24 161A8 (161B)</b> (16.9-24)	TH400	457	1312	585	3975	625	DW14L	DW15L - 14 - TW14L	Tubeless	
<b>460/70R24 159A8 (159B)</b> (17.5L-24)	TH400	465	1250	555	3790	600	DW15L	DW14L-DW16L 14-TW14L	Tubeless	
<b>500/70R24 164A8 (164B)</b> (19.5L-24)	TH400	495	1302	580	3940	625	DW16L	DW15L - 16	Tubeless	
<b>480/80R26 160A8 (160B)</b> (18.4-26)	TH400	495	1425	630	4315	675	DW15L	DW16L	Tubeless	
<b>440/80R28 156A8 (156B)</b> (16.9-28)	TH400	457	1418	633	4295	675	DW14L	DW15L	Tubeless	

# TH500 Agro Industrial

Size	Tread Pattern	SW mm	OD mm	SLR mm	RC mm	SRI	Rim	Permitted Rims	Type	Tube
<b>340/80R18 143A8 (143B)</b>	TH500	351	990	440	2965	475	11	W10 - 11SDC W11 - 12 - 12SDC	Tubeless	
<b>400/70R20 149A8 (149B)</b>	TH500	405	1070	475	3170	525	13	12 - 12SDC - 13SDC - 14	Tubeless	
<b>460/70R24 159A8 (159B)</b> (17.5L-24)	TH500	470	1250	560	3735	600	DW15L	DW14L - DW16L - TW14L	Tubeless	
<b>500/70R24TL IND (164A8)</b>	TH500	500	1300	575	3885	625	DW16L	DW15L - 16	Tubeless	



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