


**TRUCK & BUS TIRE**

# **PRODUCT MANUAL**

**STANDARD LOAD**

**REGIONAL & ON/OFF ROAD**



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REV 2023.01





# S681

61kg

**HighWear Resistance**



The S681 is a premium regional steer tire, designed with extra wide shoulders that resist curbing damage and stone ejectors to reduce stone retention.

Full-length sipes built into tread blocks effectively channel water for exceptional wet traction.

A versatile tire, suitable on all regional applications such as delivery trucks, buses, and concrete trucks.

T/L	SIZE	L.I./S.R.	P.R.	T.D.	RIM	O.D.	S.W.	S.L.R	L.C.C			
									Single	Dual	A.P.	A.P.
									kg	kg	Kpa	PSI
TL	12R22.5	152/149L	18	16	9.00	1085	300	19.84	3550	3250	930	135

# S818

61kg

**HighWear Resistance**



The S818 is suitable for mid-to-long distance trucks and busses traveling on highways and normal roads. The main tread grooves offer great handling stability and driving comfort.

The balanced shoulder design improves heat dissipation and high speed performance, while the advanced tread rubber compound increases scrub resistance.

T/L	SIZE	L.I./S.R.	P.R.	T.D.	RIM	O.D.	S.W.	S.L.R	L.C.C			
									Single	Dual	A.P.	A.P.
									kg	kg	Kpa	PSI
TL	12R22.5	152/149L	18	16.5	9.00	1085	300	19.84	3550	3250	930	135



# S662

58kg

Good Handling



The S662 is a steer position tire suitable for mid-to-long distance trucks and buses driving on paved roads. The tread compound improves scrub resistance while a unique shoulder design and deep shoulder grooves promote even wear. The wide running surface improves the tire's ground contact area for better handling.

T/L	SIZE	L.I./S.R.	P.R.	T.D.	RIM	O.D.	S.W.	S.L.R	L.C.C			
									Single	Dual	A.P.	A.P.
				mm	inch	mm	mm	inch	kg	kg	Kpa	PSI
TL	12R22.5	152/149L	18	15.5	9.00	1085	300	19.84	3550	3250	930	135
TL	315/80R22.5	156/153L	20	15.5	9.00	1076	312	19.69	4000	3650	850	125

# DAM01

58kg

High Mileage



The DAM01 is an all position mixed service tire engineered with a professional rubber compound which can improve scrub resistance. The stone ejectors within the groove reduce stone retention while the angled tread blocks deliver excellent wet traction.

T/L	SIZE	L.I./S.R.	P.R.	T.D.	RIM	O.D.	S.W.	S.L.R	L.C.C			
									Single	Dual	A.P.	A.P.
				mm	inch	mm	mm	inch	kg	kg	Kpa	PSI
TL	12R22.5	152/149L	18	16.5	9.00	1085	300	19.84	3550	3250	930	135
TL	315/80R22.5	156/153K	20	16.5	9.00	1076	312	19.69	4000	3650	850	125



# S600

54kg

## High Mileage



The S600 is a tri-axle position tire suitable for mid-to-long distance trucks on paved roads. The pattern improves scrub resistance while a unique shoulder design and deep shoulder grooves promote even wear. The wide running surface improves the tire's ground contact area for better handling.



T/L	SIZE	L.I./S.R.	P.R.	T.D.	RIM	O.D.	S.W.	S.L.R	L.C.C			
									Single	Dual	A.P.	A.P.
									kg	kg	Kpa	PSI
TL	12R22.5	152/149L	18	15	9.00	1085	300	19.84	3550	3250	930	135



# XTR50

56kg

## High Mileage



The XTR50 is an all position mixed service tire engineered with a special rubber compound which improves scrub resistance. The stone ejectors within the groove reduce stone retention while the angled tread blocks deliver excellent wet traction.



T/L	SIZE	L.I./S.R.	P.R.	T.D.	RIM	O.D.	S.W.	S.L.R	L.C.C			
									Single	Dual	A.P.	A.P.
									kg	kg	Kpa	PSI
TL	12R22.5	152/149L	18	15	9.00	1085	300	19.84	3550	3250	930	135



# DDM75

60.4kg

High Puncture Resistance



The DDM75 is a drive tire for trucks driving in mixed applications, the speed is less than 70km/h. The tire is design specially for military on and off road appliications. Offering improved grip as well as puncture and burst resistance, this tire is able to tackle any extreme road conditions.

T/L	SIZE	L.I./S.R.	P.R.	T.D.	RIM	O.D.	S.W.	S.L.R	L.C.C			
									Single	Dual	A.P.	A.P.
									mm	kg	Kpa	PSI
TL	12R22.5	152/149K	18	18	9.00	1085	300	19.84	3550	3250	930	135

## PATENTS

DEFIL has filed over 460 invention and design patent applications, and has been involved in establishing 130 international industry standards.



## STANDARDS

Sailun's products have received certification in 20 countries including China's CCC, US's DOT, Europe's ECE, Brazil's INMETRO and GCC in the Middle East. DEFIL has also been awarded certification for meeting IATF16949 quality management system, ISO14001 environmental management system and OHSAS18001 occupational health and safety management system standards. Sailun's laboratory has also obtained Spain's IDIADA and Germany's TUV certification.



ISO/TSI16949 System Certification    ISO14001 Environment Management System    OHSAS18001 Occupational Health & Safety System    Spain IDIADA    TUV Certification

## PROFESSIONAL LAB TESTING

Sailun's R&D center is an industry-leading facility equipped with a professional tire laboratory, which has received CNAS, TUV, IDIADA, CCC, ISO9000, DOT, ECE, INMETRO, SONCAP and other certifications.





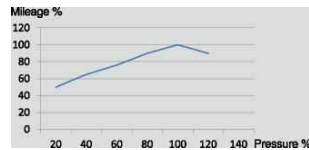
### Important Tips for Optimal Tire Performance:

- [1] Maintain optimum air pressure
- [2] Inspect tread grooves to ensure tires are safe and legal
- [3] Visually check for tire damage

Ensure you check your tires once a month and before long trips to maintain performance and ensure safety.

### Why is it important I have the correct tire pressure?

A tire at optimum air pressure will ensure your safety, provide greater driving performance, improve tire life and reduce fuel consumption. Mileage, environment, and temperature changes all affect the pressure of your tires. An over-inflated tire will increase tire stiffness which influences driving comfort and can cause unnecessary reverberations. This can also increase the probability of tire damage and accelerate tread wear.



Note: Statistics are from the China National Rubber Tire Quality Supervision and Inspection Center «Vehicle Tire Usage and Case Analysis»

### Where do I find the optimum tire pressure for my vehicle?

Tire sidewalls conveniently provide recommended tire pressure levels. Maintaining proper tire pressure is the most important way to extend the life and durability of your tires. Under-inflation is the main reason for a majority of serious tire ruptures, delamination, or punctures. A low tire pressure can reduce the load bearing capabilities of a tire, increase shoulder wear, cause excessive bending in the sidewall, and reduce rolling resistance resulting in overheating or internal damage.

### How do I check my tire pressure?

- 1) Make sure to purchase a certified air pressure gauge.
- 2) Tires must be checked in a cold state (at least three hours after driving).
- 3) Insert the gauge into the valve.
- 4) Compare the measured air pressure level with the optimum tire pressure.



### Why is it Important I Check for Tire Wear?

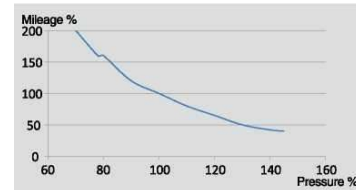
When the tread depth of your tire reaches 1.6mm, be sure to replace or re-tread them immediately. All new tires have a wear mark indicator, and when the tread is finally moved down to that level, the smooth surface of the tread groove will reveal the wear mark. Most of the accidents in wet weather are caused by worn-out tires, while excessive wear is also more likely to cause punctures.

### Why is it Important I Check for Tire Damage?

A tire with any signs of damage is susceptible to tire separation, puncturing, etc.; therefore it is extremely important to often check for signs of damage on your tires (at least once a month). If in doubt, let a tire dealer check for you. If you find any abnormal damage, wear, ruptures, bulges, or leaks you should immediately remove the tire for inspection. Do not do any temporary repairs or use the inner tube to substitute for correct/certi-fied repairs.

### Do Not Overload Your Vehicle

To know your vehicle loading limits, check the owner's manual. Overloaded vehicles will cause tires and other parts of the vehicle take on additional pressure. This will reduce handling, fuel economy, and possibly cause tire failure. An overloaded tire is also susceptible to serious ruptures, component separation or punctures. The load capacity of the new tire should not be lower than the capacity marked on the tire label, and remember that the optimum rim width is critical to proper load distribution and tire performance. When used on light trucks, multipurpose vehicle or trailers, the maximum load capacity marked on the sidewall of the tire should be reduced by 10%.

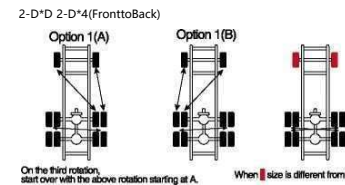
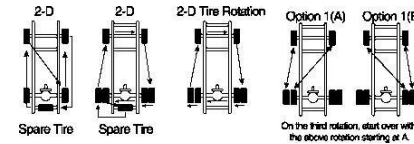


Note: Statistics are from the China National Rubber Tire Quality Supervision and Inspection Center «Vehicle Tire Usage and Case Analysis»

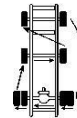
### Suspension Maintenance, Wheel Positioning and Dynamic Balancing, and Tire Rotation

Non-periodic tire replacement, suspension parts wear, dynamic balance, misalignment all will lead to excessive vibration or uneven wear. Tire rotation should be done according to the recommendations of the vehicle manufacturer, or at least every 10,000 km.

### Truck / Bus Tire Rotation Diagram

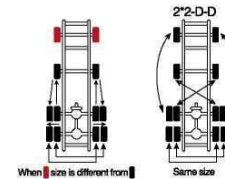
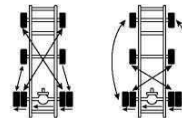


### 2\*2-D Tire Rotation



If the front and back axle wheel sizes are different, you should only rotate them in positions with the same sizes.

### 2\*2-D (Front to Back)



### The Importance of Tire Replacement

A timely tire replacement is critical to driver safety and also influences vehicle lifespan and performance. You should replace a tire if you see any tire erosion or problems that are impossible to repair.

#### ▲ WARNING

Before replacing the tires, be sure to refer to the owner's manual and follow the advice of the vehicle manufacturer regarding the replacement of the tires.

Replacing the size or type of tires will seriously affect the vehicle's operating and safety performance.

When selecting other tires that are different from the originally installed tires, consult a professional installer to ensure that the appropriate installation spacing, load capacity and inflation pressure are selected. You should not exceed the maximum Load and inflation pressure marked on the sidewall of the tire.

When replacing tires, you must use tires with the same outer diameter and load capacity. Make sure to adjust the inflation pressure to avoid overloading your tires.

For correct load and inflation data, see the Tire and Rim Association's Load and Inflation Tables, ETRTO or J ATM A standards.

### Tire Storage Methods

Before putting your tire(s) in storage, check for signs of abrasion and/or damage and store according to the following directions.



### User information for truck and bus tire

1. Always deflate the tire completely before removing lugs or side rings.
2. Never use rim parts of different manufacturers or different sizes.
3. Never mount tires on rims which are damaged or not smooth and clean.
4. Always clean and inspect the rim. Lubricate beads and rim flanges for tubeless tires, tube and rim side offlap with an approved rubber lubricant.
5. Always be sure that rim components are properly seated before inflating.