

HIFLY
TIRES

Truck and Bus Tire Catalog

2013

HIFLY
TIRES

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Shandong Hengfeng Rubber & Plastic Co., Ltd.

Company Profile:

HIFLY Tires, enjoying high popularity in the domestic and international market, is one of the major brands developed by *Shandong Hengfeng Rubber & Plastic Co., Ltd.* .

Shandong Hengfeng Rubber & Plastic Co., Ltd., one of the leading tire manufacturers in China, was established in 1995 and covers an area of about 1.6 square kilometers, with the total assets of over RMB 5 billion and more than 6000 employees. The company owns four plants in Dongying city, Shandong province, China, one TBR factory with annual production capacity of 4 million tires, one PCR factory with annual production capacity of 14 million tires, one tire manufacturing equipment factory and one power plant.

Hengfeng specializes in manufacturing radial tires widely used in passenger car, SUV, truck and bus and in all seasons with excellent performance, which are well-reputed all over the world.

Hengfeng takes pride in its strong R&D and advance testing facilities, which assure the excellent and stable quality of its products. Many of *Hengfeng*'s manufacturing equipments are imported from Europe, United States and Japan.

Hengfeng has built a strong quality assurance system and its products are accredited with certificates of ISO9001, TS16949, DOT, ECE, GCC, INMETRO, CCC, BIS, SNI, SONCAP, etc. .



We export to more than 80 countries in the world

HIFLY TIRES



HIFLY TIRES



Qualifications:



TS16949



ISO9001



DOT



ECE



INMETRO



GCC



BIS



SNI



SONCAP

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STEER



*HH101

Features

- ▶ Four wide circumferential grooves
- ▶ Special groove design
- ▶ Siped rib and shoulder design

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Deliver stone-ejecting property
- ▶ Provide excellent heat dissipation



*HH102

Features

- ▶ Four wide circumferential grooves
- ▶ Siped rib and shoulder design
- ▶ Reinforced carcass and wide tread
- ▶ Specially designed compound

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Provide excellent heat dissipation
- ▶ Ensure excellent handling and safe performance
- ▶ Deliver lower rolling resistance



HH106

Features

- ▶ Four wide circumferential grooves
- ▶ Siped rib and shoulder design
- ▶ Specially designed compound

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Provide excellent heat dissipation
- ▶ Deliver lower rolling resistance



HH111

Features

- ▶ Solid rib design combined with multiple sipes
- ▶ Four wide circumferential grooves
- ▶ Solid shoulder design

Benefits

- ▶ Provide excellent heat dissipation and improved regular wear with lower resistance
- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Provide outstanding resistance to abrasion



Long Haul



Operation:

- Highways and long distance
- Well paved road conditions
- Constant and high speed with minimal braking and accelerating

Size	*HH101	*HH102	HH106	HH111	Remark
11R22.5	148/145M	148/145M		146/143L	The symbol of "*" represents patterns applicable for all position bus.
11R24.5				146/143M	
12R22.5	152/149M	152/149M			
13R22.5		156/152L			
215/75R17.5		135/133J		135/133J	
225/70R19.5				128/126L	
235/75R17.5				143/141J	
245/70R19.5				135/133L	
255/70R22.5				140/137L	
285/75R24.5				144/141M	
295/75R22.5				144/141M	
295/80R22.5		152/149M	152/149M		
315/70R22.5		154/150L			
315/80R22.5		156/152L			



DRIVE



HH309

Features

- ▶ Asymmetric lug design
- ▶ Block pattern design
- ▶ Four circumferential grooves
- ▶ Reinforced carcass and bead design

Benefits

- ▶ Combine regular wear with excellent traction
- ▶ Provide excellent driving and braking force
- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Ensure excellent handling and safe performance and provide outstanding loading capacity



HH312

Features

- ▶ Block pattern design
- ▶ Solid shoulder design
- ▶ Four wide circumferential grooves

Benefits

- ▶ Provide excellent driving and braking force
- ▶ Provide outstanding resistance to abrasion
- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation

Size	HH309	HH312
11R22.5	148/145M	146/143L
11R24.5		146/143M
12R22.5	152/149M	
13R22.5	156/152L	
215/75R17.5	135/133J	
235/75R17.5	143/141J	
285/75R24.5		144/141M
295/75R22.5		144/141M
295/80R22.5	152/149M	
315/70R22.5	154/150L	
315/80R22.5	156/152L	



TRAILER



*HH101

Features

- ▶ Four wide circumferential grooves
- ▶ Special groove design
- ▶ Siped rib and shoulder design

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Deliver stone-ejecting property
- ▶ Provide excellent heat dissipation



*HH102

Features

- ▶ Four wide circumferential grooves
- ▶ Siped rib and shoulder design
- ▶ Reinforced carcass and wide tread
- ▶ Specially designed compound

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Provide excellent heat dissipation
- ▶ Ensure excellent handling and safe performance
- ▶ Deliver lower rolling resistance



HH106

Features

- ▶ Four wide circumferential grooves
- ▶ Siped rib and shoulder design
- ▶ Specially designed compound

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Provide excellent heat dissipation
- ▶ Deliver lower rolling resistance



HH118

Features

- ▶ Four circumferential grooves
- ▶ Special groove design
- ▶ Curved lug design

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Deliver stone-ejecting property
- ▶ Deliver excellent driving and braking force

Size	*HH101	*HH102	HH106	HH118
11R22.5	148/145M	148/145M		148/145M
11R24.5				
12R22.5	152/149M	152/149M		152/149M
13R22.5		156/152L		
215/75R17.5		135/133J		
295/80R22.5		152/149M	152/149M	
315/70R22.5		154/150L		
315/80R22.5		156/152L		

Remark

The symbol of "*" represents patterns applicable for all position bus.

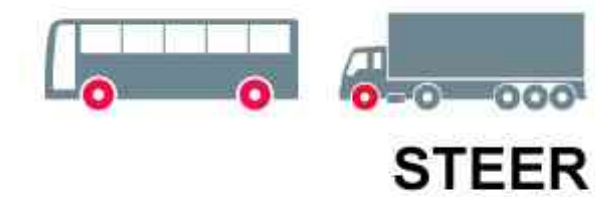


**Regional
Haul**



Operation:

- Regional highways and city streets
- Mainly used on paved roads, occasionally run on unpaved roads
- Frequent braking, accelerating and turning



***HH104**

Features

- ▶ Four zigzag grooves
- ▶ Solid shoulder design
- ▶ Variable pitch design
- ▶ Specially designed compound

Benefits

- ▶ Provide excellent anti-sideslipping performance and ensure excellent water evacuation
- ▶ Provide outstanding resistance to abrasion
- ▶ Reduce rolling noise greatly
- ▶ Deliver lower rolling resistance



HH105

Features

- ▶ Three groove design with lugs
- ▶ Special tread compound
- ▶ Shoulder design with lugs and sipes

Benefits

- ▶ Provide outstanding wet performance
- ▶ Provide outstanding resistance to abrasion
- ▶ Provide excellent heat dissipation



***HH108**

Features

- ▶ Specially designed compound
- ▶ Extra wide footprint with square shoulder
- ▶ Four circumferential grooves
- ▶ Asymmetric lug design

Benefits

- ▶ Deliver lower rolling resistance
- ▶ Enhanced stability and resistance to abrasion
- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Combine regular wear with excellent traction



HH599+

Features

- ▶ Four circumferential grooves
- ▶ Ladder arrangement design of longitudinal pattern
- ▶ Special tread compound
- ▶ Reinforced carcass and bead design

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Reduce irregular wear greatly
- ▶ Provide outstanding resistance to abrasion
- ▶ Ensure excellent handling and safe performance and provide outstanding loading capacity

Size	*HH104	HH105	*HH108	HH599+
9.00R20	144/142K	144/142K		
10.00R20	149/146K	149/146K		
11.00R20	152/149K	152/149K		152/149J
12.00R20	154/149K	154/149K		
11R22.5	148/145M		148/145M	
12R22.5			152/149M	
13R22.5			156/152L	
295/80R22.5			152/149M	
315/80R22.5	156/152L		156/152L	

Remark

The symbol of "*" represents patterns applicable for all position bus.



HH308

Features

- ▶ Block pattern design
- ▶ Extra wide footprint
- ▶ Deeper tread depth design

Benefits

- ▶ Provide excellent driving and braking force
- ▶ Enhanced stability and resistance to abrasion
- ▶ Improved mileage performance



HH308A

Features

- ▶ Block pattern design
- ▶ Extra wide footprint
- ▶ Deeper tread depth design

Benefits

- ▶ Provide excellent driving and braking force
- ▶ Enhanced stability and resistance to abrasion
- ▶ Improved mileage performance



HH310

Features

- ▶ Four circumferential grooves
- ▶ Block pattern design
- ▶ Special tread compound
- ▶ Solid shoulder design

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Provide excellent driving and braking force
- ▶ Provide outstanding resistance to puncture and tearing
- ▶ Provide outstanding resistance to abrasion

Size	HH308	HH308A	HH310
10.00R20		149/146K	
12.00R24			160/157K
11R22.5	146/143K	148/145M	
12R22.5	152/149L	152/149M	
13R22.5	156/152K		
295/80R22.5	152/149K		
315/70R22.5		154/150L	
315/80R22.5	156/152K	156/152L	



HH105

Features

- ▶ Three groove design with lugs
- ▶ Special tread compound
- ▶ Shoulder design with lugs and sipes

Benefits

- ▶ Provide outstanding wet performance
- ▶ Provide outstanding resistance to abrasion
- ▶ Provide excellent heat dissipation



HH368

Features

- ▶ Special tread compound
- ▶ Four circumferential grooves
- ▶ Deeper tread depth design
- ▶ Block pattern design

Benefits

- ▶ Provide outstanding resistance to puncture and tearing
- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Improved mileage performance
- ▶ Provide excellent driving and braking force



HH599+

Features

- ▶ Four circumferential grooves
- ▶ Ladder arrangement design of longitudinal pattern
- ▶ Special tread compound
- ▶ Reinforced carcass and bead design

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Reduce irregular wear greatly
- ▶ Provide outstanding resistance to abrasion
- ▶ Ensure excellent handling and safe performance and provide outstanding loading capacity

Size	HH105	HH368	HH599+
9.00R20	144/142K		
10.00R20	149/146K	149/146K	
11.00R20	152/149K		152/149J
12.00R20	154/149K		
295/80R22.5		152/149M	



*HH104

Features

- ▶ Four zigzag grooves
- ▶ Solid shoulder design
- ▶ Variable pitch design
- ▶ Specially designed compound

Benefits

- ▶ Provide excellent anti-sideslipping performance and ensure excellent water evacuation
- ▶ Provide outstanding resistance to abrasion
- ▶ Reduce rolling noise greatly
- ▶ Deliver lower rolling resistance



HH105

Features

- ▶ Three groove design with lugs
- ▶ Special tread compound
- ▶ Shoulder design with lugs and sipes

Benefits

- ▶ Provide outstanding wet performance
- ▶ Provide outstanding resistance to abrasion
- ▶ Provide excellent heat dissipation



HH107

Features

- ▶ Four zigzag grooves
- ▶ Extra wide footprint with square shoulder
- ▶ Special tread compound

Benefits

- ▶ Provide excellent anti-sideslipping performance and ensure excellent water evacuation
- ▶ Enhanced stability and resistance to abrasion
- ▶ Provide outstanding resistance to abrasion



HH599+

Features

- ▶ Four circumferential grooves
- ▶ Ladder arrangement design of longitudinal pattern
- ▶ Special tread compound
- ▶ Reinforced carcass and bead design

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Reduce irregular wear greatly
- ▶ Provide outstanding resistance to abrasion
- ▶ Ensure excellent handling and safe performance and provide outstanding loading capacity



*HH109

Features

- ▶ Four circumferential grooves
- ▶ Extra wide footprint with square shoulder
- ▶ Siped rib and shoulder design

Benefits

- ▶ Ensure excellent water evacuation, even pressure distribution and heat dissipation
- ▶ Enhanced stability and resistance to abrasion
- ▶ Provide excellent heat dissipation

Size	*HH104	HH105	HH599+
9.00R20	144/142K	144/142K	
10.00R20	149/146K	149/146K	
11.00R20	152/149K	152/149K	152/149J
12.00R20	154/149K	154/149K	
11R22.5	148/145M		
315/80R22.5	156/152L		

Remark

The symbol of "*" represents patterns applicable for all position bus.

Size	HH107	*HH109
11R22.5		148/145M
12R22.5		152/149M
13R22.5		156/152L
235/75R17.5	143/141J	
295/80R22.5		152/149M
315/80R22.5		156/152L
385/65R22.5	160K	

Remark

The symbol of "*" represents patterns applicable for all position bus.





STEER/DRIVE/TRAILER



HH301

Features

- ▶ Three zigzag grooves
- ▶ Combination of rib and lug design
- ▶ Shoulder design with lugs

Benefits

- ▶ Provide excellent anti-sideslipping performance and ensure excellent water evacuation
- ▶ Deliver outstanding traction and handling
- ▶ Provide excellent heat dissipation



HH301+

Features

- ▶ Three zigzag grooves
- ▶ Combination of rib and lug design
- ▶ Shoulder design with lugs

Benefits

- ▶ Provide excellent anti-sideslipping performance and ensure excellent water evacuation
- ▶ Deliver outstanding traction and handling
- ▶ Provide excellent heat dissipation



HH303

Features

- ▶ Inter-connected block pattern
- ▶ Reinforced carcass and bead design
- ▶ Special groove design

Benefits

- ▶ Provide excellent driving force, resistance to cutting and even wear
- ▶ Ensure excellent handling and safe performance and provide outstanding loading capacity
- ▶ Deliver stone-ejecting property



HH307

Features

- ▶ Three zigzag grooves
- ▶ Reinforced carcass and bead design
- ▶ Special groove design
- ▶ Shoulder design with lugs

Benefits

- ▶ Provide excellent anti-sideslipping performance and ensure excellent water evacuation
- ▶ Ensure excellent handling and safe performance and provide outstanding loading capacity
- ▶ Deliver stone-ejecting property
- ▶ Provide excellent heat dissipation



Mixed Service



Operation:

- Frequently used on and off roads
- Heavier loads
- Construction site

Size	HH301	HH301+	HH303	HH307
7.00R16	118/114M		118/114K	
7.50R16	122/118M		122/118J	
8.25R16	128/124M		128/124J	
8.25R20	139/137L		139/137K	
9.00R20	144/142K		144/142J	
10.00R20	149/146K		149/146J	149/146K
11.00R20	152/149K		152/149J	152/149K
12.00R20	154/149K		154/149J	154/149K
12.00R24	160/157K			
11R22.5	148/145M			
12R22.5	152/149M			152/149M
13R22.5	156/152L			
315/80R22.5		156/152L		



DRIVE



HH302

Features

- ▶ Special tread compound
- ▶ Block pattern design
- ▶ Extra wide footprint with square shoulder
- ▶ Reinforced carcass and bead design

Benefits

- ▶ Provide outstanding resistance to puncture and tearing
- ▶ Provide excellent driving and braking force
- ▶ Enhanced stability and resistance to abrasion
- ▶ Ensure excellent handling and safe performance and provide outstanding loading capacity



HH306

Features

- ▶ Lug and block pattern design
- ▶ Special tread compound

Benefits

- ▶ Improved traction, driving and braking performance
- ▶ Provide outstanding resistance to puncture and tearing



HH311

Features

- ▶ Special tread compound
- ▶ Lug and block pattern design
- ▶ Siped pattern and shoulder design

Benefits

- ▶ Provide outstanding resistance to puncture and tearing
- ▶ Improved traction, driving and braking performance
- ▶ Provide excellent heat dissipation

Size	HH302	HH306	HH311
7.00R16		118/114M	
7.50R16		122/118M	
8.25R16		128/124M	
9.00R20		144/142K	
10.00R20		149/146K	149/146K
11.00R20	152/149J	152/149K	152/149K
12.00R20	154/149J	154/149K	154/149K
13R22.5	156/152G		
315/80R22.5	156/152L		



DRIVE



HH313

Features

- ▶ Lug and block pattern design
- ▶ Special groove design
- ▶ Special tread compound
- ▶ Open shoulder design

Benefits

- ▶ Improved traction, driving and braking performance
- ▶ Deliver stone-ejecting property
- ▶ Provide outstanding resistance to puncture and tearing
- ▶ Provide excellent heat dissipation



HH329

Features

- ▶ Special tread compound
- ▶ Lug and special block pattern design

Benefits

- ▶ Provide outstanding resistance to puncture and tearing
- ▶ Improved traction, driving and braking performance

Size	HH313	HH329
10.00R20		149/146K
11.00R20	152/149K	152/149K
12.00R20	154/149K	154/149K
12.00R24		160/157K
11R22.5		
12R22.5		
13R22.5		
315/80R22.5		



 **DRIVE/TRAILER**

 **Off Road**



HH317

Features

- ▶ Special tread compound
- ▶ Block pattern design
- ▶ Reinforced carcass and bead design

Benefits

- ▶ Provide outstanding resistance to puncture and tearing
- ▶ Improved traction, driving and braking performance
- ▶ Ensure excellent handling and safe performance and provide outstanding loading capacity



HH318

Features

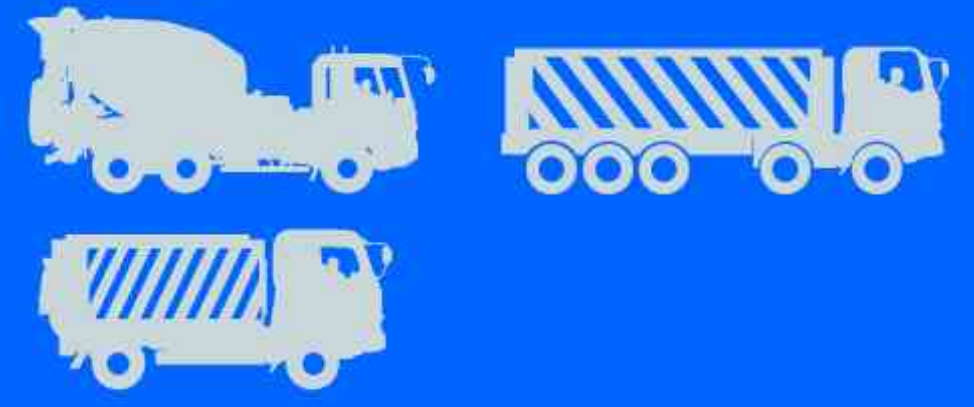
- ▶ Lug and block pattern design
- ▶ Special tread compound
- ▶ Reinforced carcass and bead design

Benefits

- ▶ Improved traction, driving and braking performance
- ▶ Provide outstanding resistance to puncture and tearing
- ▶ Ensure excellent handling and safe performance and provide outstanding loading capacity

Size	HH317	HH318
10.00R20	149/146K	
11.00R20	152/149K	152/149C
12.00R20	154/149K	154/149C
295/80R22.5		152/149C

 **Off Road**

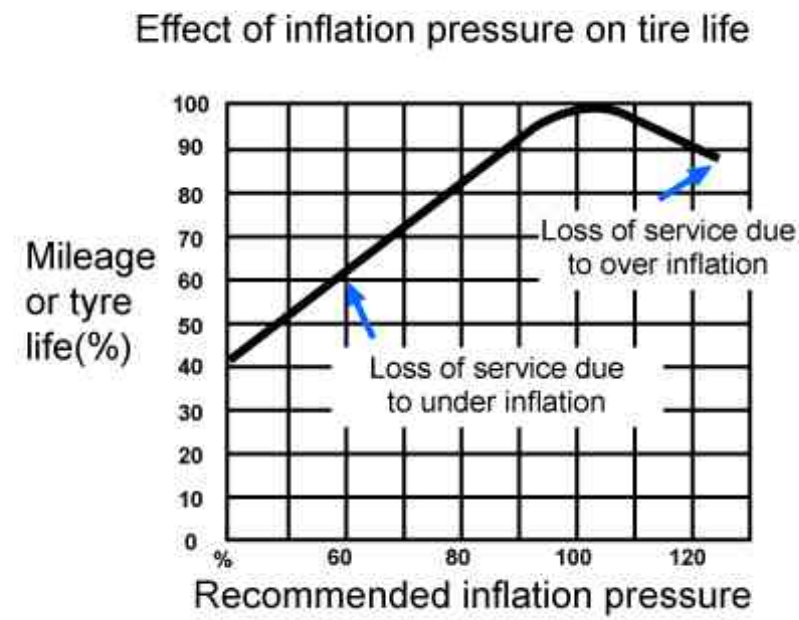
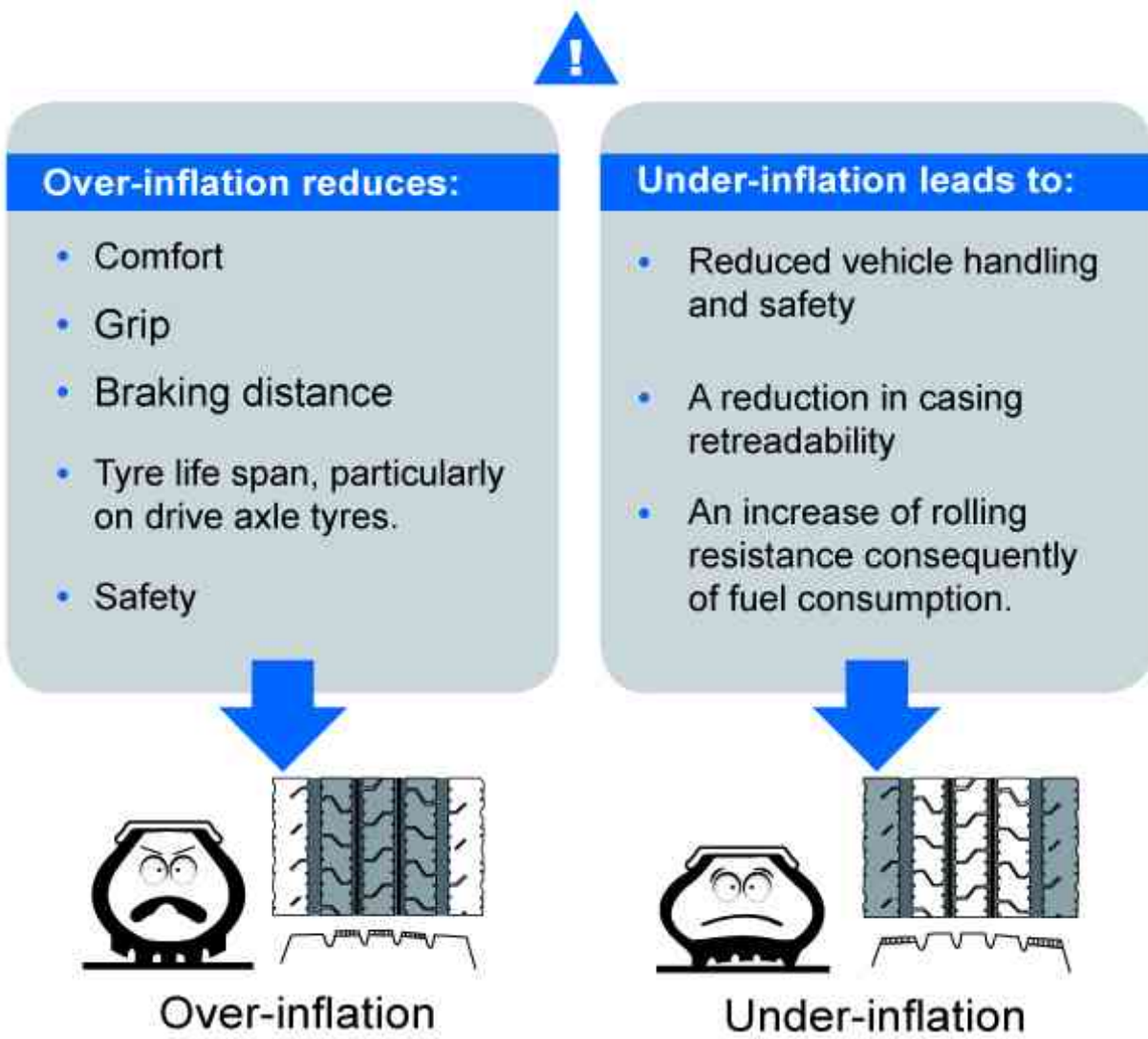


Operation:

- Mostly used on rugged terrain like mining or heavy construction
- Heavier loads
- High risk of damage from road conditions

Tire Usage Tips:

Important instructions for safe inflation



ADVICE BEFORE INFLATION

- 1 Weigh your vehicle and its load, axle by axle, to determine tyre pressure.
- 2 Measure the pressure when cold (when the vehicle has been stationary for several hours): pressures must be checked at regular intervals and during each service.
- 3 Important safety instruction: pressure increases when the vehicle is in motion, never reduce the pressure of a hot tyre.
- 4 Pressure gauges: must be accurate, handled with care and calibrated regularly



Caution: Driving with insufficient pressure can damage your tyres. Have your tyres fully checked over by an expert.

HIFLY TIRES