

BATTLAX *SPORT TOURING* ***T32***

T32

“The New Battlax Sport Touring T32: Connect to the road”

The Battlax Sport Touring T32 is Bridgestone’s newest Sport Touring flagship model. The T32 brings together everything the category needs in terms of performance, confidence and contact feel in all weather conditions.

The technical upgrades on the T32 are not only visual, with the implementation of the Groove pattern technology, but also secretly hidden inside its black shell thanks to the tremendous efforts done in terms of construction and compound combination.

Regarding the Pulse Groove pattern design technology: Bridgestone’s focus for this development was clearly directed towards wet handling and total wet performance improvement. Successfully so, as the Pulse Groove technology is a key contributing factor the significant wet performance enhancement.

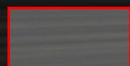
Together with the impressive numbers regarding contact patch increase and contact patch adhesion upgrades - all without losing its highly appreciated linear and neutral handling behaviour - the T32 defines a new benchmark within the Sport Touring category.

For the middleweight and heavy touring motorcycles out there, Bridgestone decided to develop a fully dedicated T32 GT tyre with dedicated technical features and pattern in line with the requirements for this very specific motorcycle category.

Battlax Sport Touring T32 and T32GT are there to be your partner to connect to the road.



1000cc	RACING BATTLAX V02	BATTLAX RACING R11	BATTLAX RACING STREET RS11	BATTLAX HYPERSPORT S22	BATTLAX SPORT TOURING T32	BATTLECRUISE H50	BATTLAX ADVENTURE A41		
600cc	RACING BATTLAX W01	BATTLAX CLASSIC RACING CR11	BATTLAX RACING STREET RS10	BATTLAX HYPERSPORT S21	BATTLAX SPORT TOURING T31	BATTLAX BT46	BATTLAX ADVENTURECROSS Ax41	BATTLAX SCOOTER SC2	
400cc				BATTLAX BT-016 PRO HYPERSPORT	BATTLAX SPORT TOURING BT-023		BATTLAX ADVENTURECROSS SCRAMBLER Ax41B	BATTLAX SCOOTER SC2 Green	
250cc							BATTLECROSS X10 X20 X30 X40 E50 E50 EXTREME	BATTLAX SC	
	Race	Sports			Touring	Custom	Adventure	Off Road	Scooter



Battlax Sport Touring T32 , a new level of technology for the best connection with road

Product Concept

- Be the new benchmark for the Sport Touring category
- Improve water channeling and drainage
- Linear and neutral handling
- Increase contact feel with the road
- Dedicated tyre for middleweight and heavy motorcycles

Development Methodology

- Implementation of the new Pulse Groove pattern technology
- New shape of the rear tyre
- Increase adhesion capabilities and reduce slip in difficult/wet conditions
- Contact patch increase
- Incorporate the 3LC + Cap and Base compound configuration
- Upgrade the groove positioning in line with the working forces

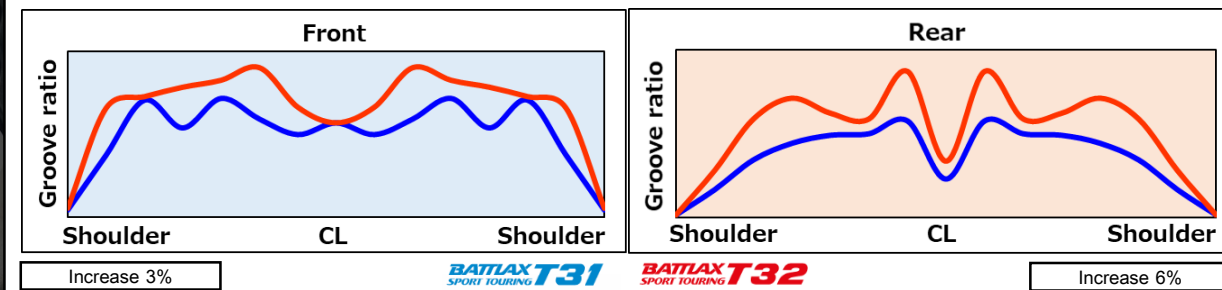




Pattern Design

- Increased groove ratio % Front and Rear
- Implementation of Pulse Groove Pattern technology (More info follows)
- Optimised groove angle and position

Groove Ratio Comparison

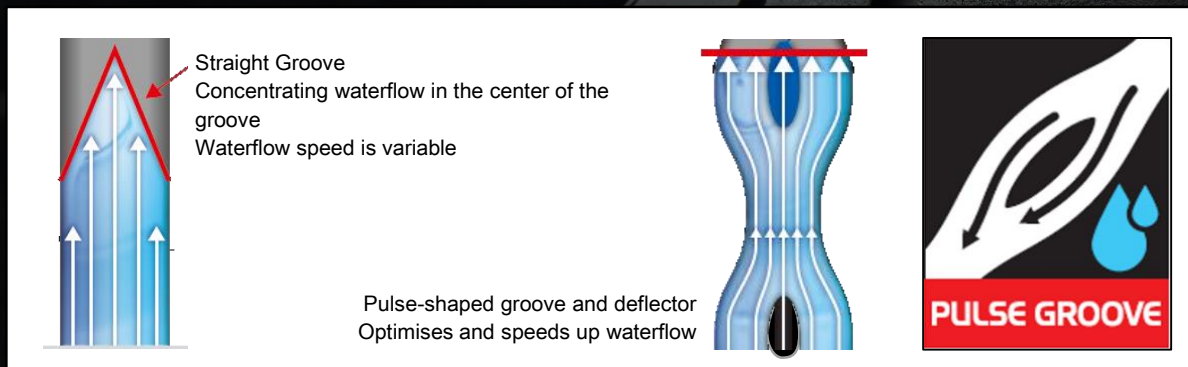


Benefits

- Improved total wet performance
- Optimised pattern stiffness
- Improved contact feel and connection to the road
- Support the improvement on handling linearity

Pulse Groove Pattern Technology

- State of the art advanced technological pattern groove design
- Combining pulse-shaped grooves with small center deflectors



Technical input

- Equalises the waterflow vs. a straight groove
- Optimises the flow speed

Benefits

- Increases the water drainage
- Better grip and adhesion in wet conditions
- Less slip ratio

WET Performance Improvement

WET BRAKING performance



BATLAX T32
SPORT TOURING

7% shorter



BATLAX T31
SPORT TOURING



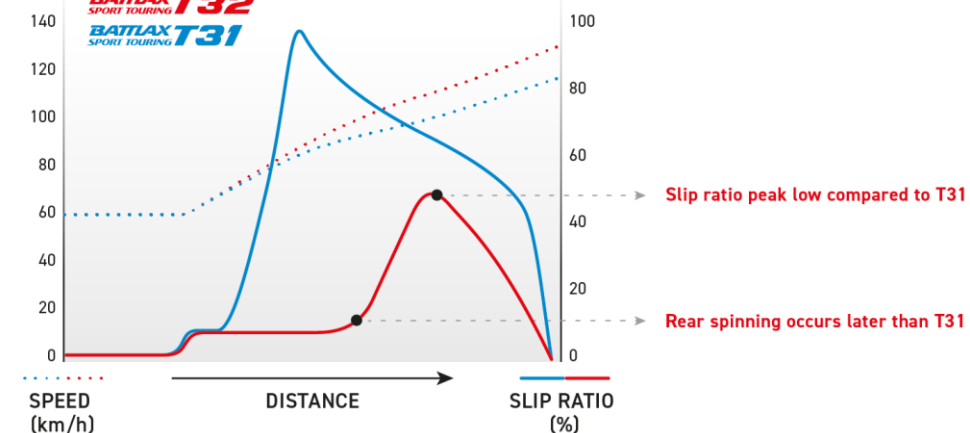
BSPG Front Braking • Vehicle: YAMAHA FZ8 • Tyre size: 120/70ZR17M/C, 180/55ZR17M/C • IP: F/R 250/290kPa

WET TRACTION performance



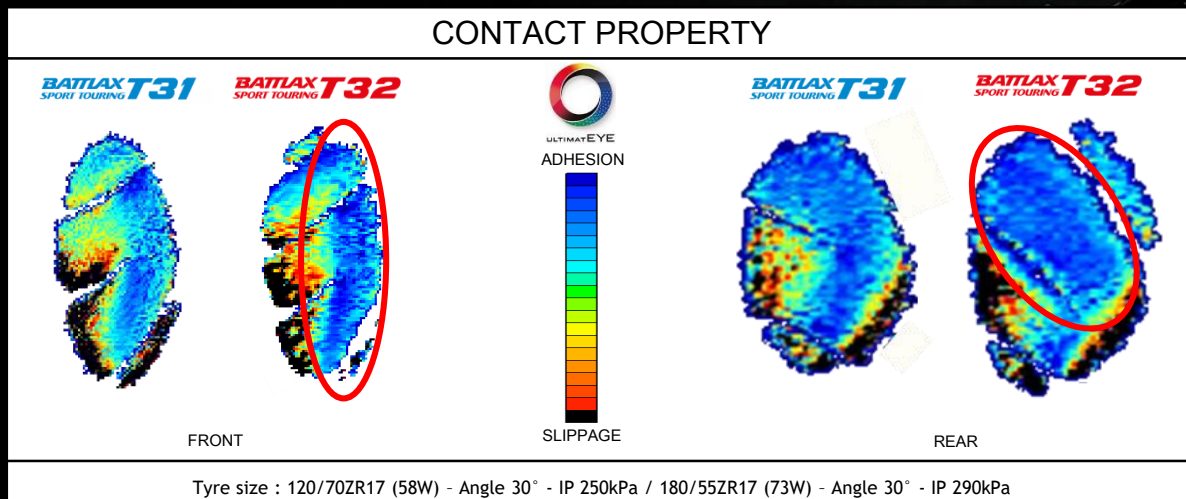
BATLAX T32
SPORT TOURING

BATLAX T31
SPORT TOURING



BSPG • Vehicle: KAWASAKI Z900 • Tyre size: 120/70ZR17M/C, 180/55ZR17M/C • IP: F/R 250/290kPa

UltimatEYE Data Visualisation



Contact Properties improvement

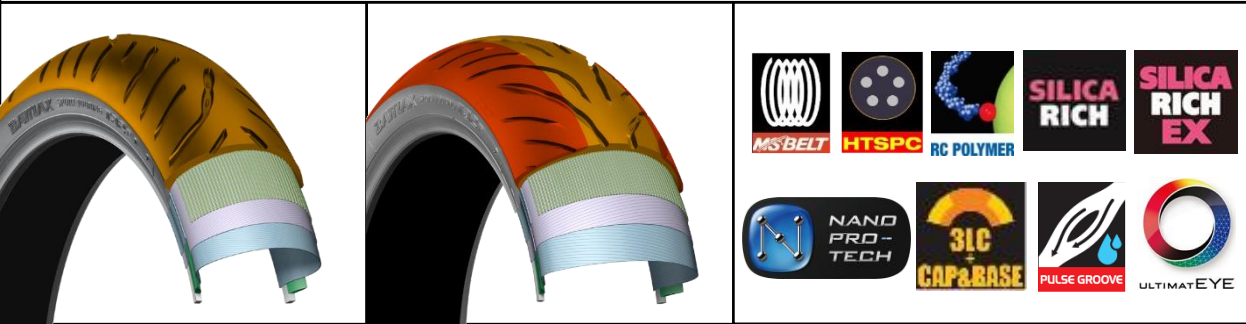
- Increase the adhesion area and reduce the slippage area on the front tyre
- Increase total contact patch by 13% on the rear tyre
- Increase the total adhesion within the contact area on the rear tyre

Benefits

- Improved overall contact feeling
- Improved wet cornering grip
- Together with new rear shape, improved linear and neutral handling behavior

Compound and Construction

Technological Features



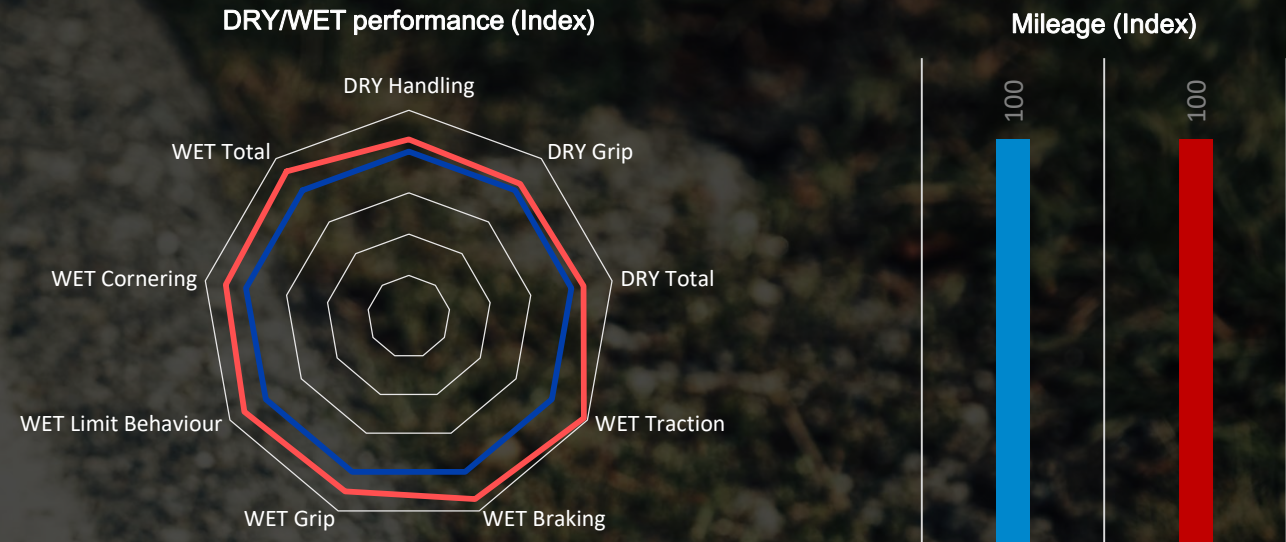
- High performance Single layer compound for front with the Silica RICH technology + RC polymer + Nano Pro Tech
- 3LC compound in a CAP and Base configuration for rear with the Silica RICH EX technology + RC polymer + Nano Pro Tech
- MS-Belt construction for front and rear with HTSPC cord technology

Benefits

- Outstanding dry and wet handling capabilities
- Excellent high speed, straight and cornering stability
- Wet grip in cold conditions



Performance Comparison Summary



BATTLAX T31
SPORT TOURING

Tyre size : 120/70ZR17 (58W) - IP 250kPa / 180/55ZR17 (73W) - IP 290kPa - Test Vehicle : Kawasaki Z900 - Test Venue Bridgestone Proving Ground

BATTLAX T32
SPORT TOURING

Benefits Summary

- 7% shorter braking distance in wet conditions
- 13% bigger contact patch rear
- Increased groove ratio (3% front – 6% rear)
- New Pulse Groove pattern design technology
- Increased contact feel with neutral and linear handling
- Improved in all performance areas
- No sacrifice on wear life
- Setting a new benchmark in the Sport Touring category

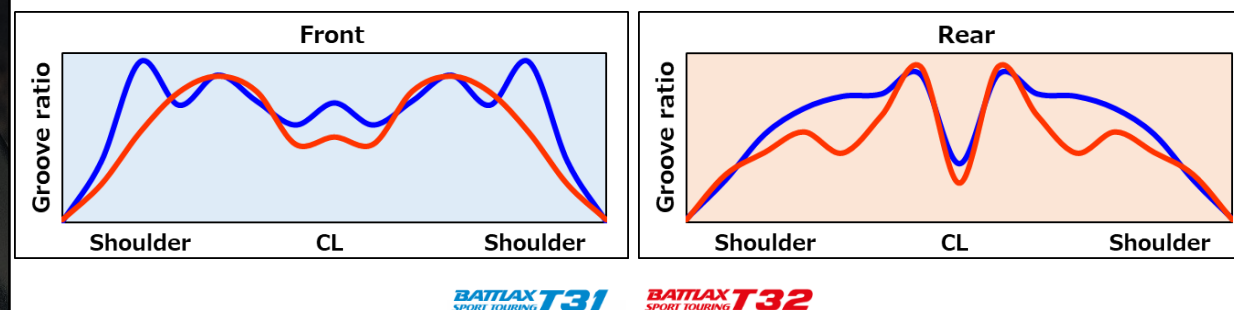
A full-page background image showing two motorcyclists riding on a paved road that curves through a dense forest. The rider in the foreground is on a red and white Battlax T32 GT, leaning into the turn. The second rider is slightly behind and to the right, also on a similar motorcycle. The scene is captured with a soft, slightly blurred effect, emphasizing motion and the natural setting.

BATTLAX *SPORT TOURING* ***T32 GT***

Dedicated T32 GT Design

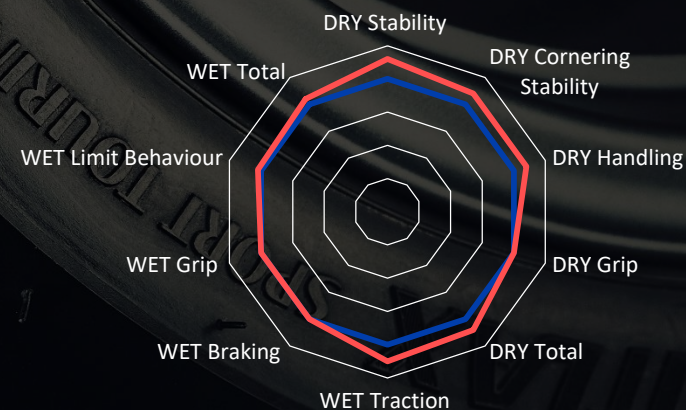
- Incorporates new Pulse Groove pattern design technology
- Optimised groove positioning and construction for optimal pattern stiffness required for middleweight and heavy motorcycles

Groove Ratio Comparison

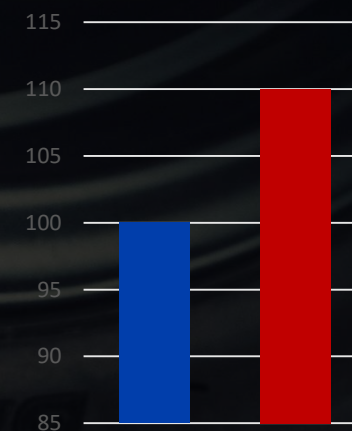


Performance and Benefits

- Improved wet performance and grip feeling
- Improved stability and wear life (10% increase)



Mileage (Index)



F/R	No.	Size		TT/TL	Spec
FRONT	1	110/70ZR17M/C	(54W)	TL	STD
	2	120/60ZR17M/C	(55W)	TL	STD
	3	120/70ZR17M/C	(58W)	TL	STD
	4	110/80ZR18M/C	(58W)	TL	STD
	5	120/70ZR18M/C	(59W)	TL	STD
	6	120/70ZR19M/C	(60W)	TL	STD
	7	110/80 R18M/C	58V	TL	STD
	8	110/80 R19M/C	59V	TL	STD
	9	120/70ZR17M/C	(58W)	TL	GT
	10	120/70ZR18M/C	(59W)	TL	GT
REAR	11	150/70ZR17M/C	(69W)	TL	STD
	12	160/60ZR17M/C	(69W)	TL	STD
	13	160/60ZR18M/C	(70W)	TL	STD
	14	160/70ZR17M/C	(73W)	TL	STD
	15	170/60ZR17M/C	(72W)	TL	STD
	16	180/55ZR17M/C	(73W)	TL	STD
	17	190/50ZR17M/C	(73W)	TL	STD
	18	190/55ZR17M/C	(75W)	TL	STD
	19	140/70 R18M/C	67V	TL	STD
	20	170/60ZR17M/C	(72W)	TL	GT
	21	180/55ZR17M/C	(73W)	TL	GT
	22	190/55ZR17M/C	(75W)	TL	GT

- Full Size Line-up for Sport Touring category
- Market Availability : Jan – Feb 2021

