

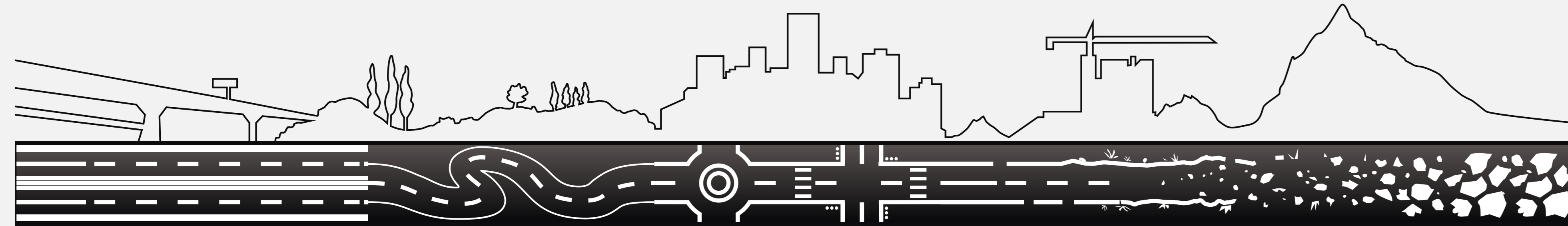
# MICHELIN PRODUCT NEWS



# THE RIGHT TIRE FOR THE RIGHT PURPOSE

## STEER AXLE - VEHICLES > 16 TONS

STEER AXLE OFFER  
> 16 TONS VEHICLES



STEER AXLE

Category	Rolling resistance	Traction in winter conditions	Mud and snow	Axle load at nominal transport	High volume transport	Robustness	New
<b>X LINE ENERGY™</b>							
LARGE	0	☀	☔	📦			
385/65 R 22.5	B			9T			
385/55 R 22.5	A	☀		9T			
355/50 R 22.5	B	☀		8T			
REGULAR							
315/80 R 22.5	B			8T			
315/70 R 22.5	A	☀		8T			
315/60 R 22.5	B	☀		7,5T			●
295/80 R 22.5	C			7,1T			
295/60 R 22.5	B	☀		6,7T			●
<b>X MULTI ENERGY™</b>							
REGULAR	0	☀	☔	📦			
315/80 R 22.5	B	☀		8T			
315/70 R 22.5	B	☀		8T			
<b>X MULTI</b>							
LARGE	0	☀	☔	📦			
385/65 R 22.5	B	☀		9T			
385/65 R 22.5	C	☀		10T			N
385/65 R 22.5	D	☀		8,5T			
385/65 R 22.5	C	☀		9T			N
385/55 R 22.5	B	☀		9T			
385/55 R 22.5	C	☀		9T			N
355/50 R 22.5	C	☀		8T			●
REGULAR							
315/80 R 22.5	D	☀		8T			
315/80 R 22.5	C	☀		8T			
315/70 R 22.5	C	☀		8T			
315/60 R 22.5	C	☀		7,5T			●
295/80 R 22.5	C	☀		7,1T			
295/80 R 22.5	D	☀		7,5T			
275/70 R 22.5	D			6,3T			
11 R 22.5	C		M+S	6,3T			
<b>X WORKS™</b>							
LARGE	0	☀	☔	📦			
325/95 R 24	C		M+S	9,5T			N
385/65 R 22.5	C	☀		9T			
385/65 R 22.5	C	☀		10T			
REGULAR							
315/80 R 22.5	C	☀		8T			
13 R 22.5	C	☀		8T			
<b>X WORKS™ HD</b>							
REGULAR	0	☀	☔	📦	🔨		
315/80 R 22.5	C		M+S	8T			●
13 R 22.5	D		M+S	8T			●

HIGHWAY

MAIN ROADS

URBAN

WORKSITE

OFF ROAD



Rolling resistance



Traction in winter conditions



M+S Mud and snow



Axle load at nominal transport



High volume transport



Robustness

N New



# THE RIGHT TIRE FOR THE RIGHT PURPOSE

## DRIVE AXLE - VEHICLES > 16 TONS

DRIVE AXLE OFFER  
> 16 TONS VEHICLES

DRIVE AXLE

X LINE ENERGY		X MULTI ENERGY		X WORKS	
REGULAR	Icons	REGULAR	Icons	LARGE	Icons
315/80 R 22.5	B, Snowflake, Load, Volume	315/80 R 22.5	C, Snowflake, Load, Volume	325/95 R 24	D, M+S, Load, Volume, New
315/70 R 22.5	A, Snowflake, Load, Volume	315/70 R 22.5	C, Snowflake, Load, Volume	REGULAR	
315/60 R 22.5	B, Snowflake, Load, Volume, Robustness	315/80 R 22.5	D, Snowflake, Load, Volume	315/80 R 22.5	C, Snowflake, Load, Volume
295/60 R 22.5	B, Snowflake, Load, Volume, Robustness	315/80 R 22.5	D, Snowflake, Load, Volume, New	295/80 R 22.5	D, Snowflake, Load, Volume
		315/80 R 22.5	D, Snowflake, Load, Volume	13 R 22.5	C, Snowflake, Load, Volume
		315/70 R 22.5	D, Snowflake, Load, Volume		
		315/70 R 22.5	D, Snowflake, Load, Volume, New		
		315/60 R 22.5	D, Snowflake, Load, Volume, Robustness		
		315/45 R 22.5	D, Snowflake, Load, Volume, Robustness		
		295/80 R 22.5	D, Snowflake, Load, Volume		
		295/60 R 22.5	D, Snowflake, Load, Volume, Robustness		
		275/70 R 22.5	D, Snowflake, Load, Volume		
		11 R 22.5	E, Snowflake, Load, Volume		

X MULTI HD	
REGULAR	Icons
315/80 R 22.5	E, Snowflake, Load, Volume, Robustness

X WORKS HD	
REGULAR	Icons
315/80 R 22.5	D, M+S, Load, Volume, Robustness
13 R 22.5	D, M+S, Load, Volume, Robustness

HIGHWAY

MAIN ROADS

URBAN

WORKSITE

OFF ROAD

# THE RIGHT TIRE FOR THE RIGHT PURPOSE

## STEER AXLE - VEHICLES < 16 TONS

STEER AXLE OFFER  
< 16 TONS VEHICLES



Our MICHELIN 17.5 and 19.5 tires for short and long distances on all types of road.

STEER AXLE

X MULTI			
REGULAR			
205/75 R 17.5	D		3.2T
215/75 R 17.5	D		3.4T
225/75 R 17.5	D		3.7T
235/75 R 17.5	D		4.0T
245/70 R 17.5	D		4.5T
245/70 R 19.5	D		4.5T
265/70 R 19.5	D		5.0T
285/70 R 19.5	C		6.0T

HIGHWAY

MAIN ROADS

URBAN

WORKSITE

OFF ROAD

Rolling resistance

Traction in winter conditions

M+S Mud and snow

Axle load at nominal transport














# THE RIGHT TIRE FOR THE RIGHT PURPOSE

## DRIVE AXLE - VEHICLES < 16 TONS

DRIVE AXLE OFFER  
< 16 TONS VEHICLES

DRIVE AXLE

X MULTI™			
REGULAR			
205/75 R 17.5	D		9.0T
215/75 R 17.5	D		6.4T
225/75 R 17.5	D		10.0T
235/75 R 17.5	D		6.8T
245/70 R 17.5	D		7.4T
245/70 R 19.5	D		8.0T
265/70 R 19.5	D		10.9T
285/70 R 19.5	D		9.0T

HIGHWAY

MAIN ROADS


URBAN


WORKSITE

OFF ROAD




Our MICHELIN 17.5 and 19.5 tires for short and long distances on all types of road.

 Rolling resistance

 Traction in winter conditions

**M+S** Mud and snow

 Axle load at nominal transport



# LIST OF OPTION CODES VEH > 16 TONS

LIST OF OPTION CODES  
> 16 TONS VEHICLES

DESCRIPTION	F1-Front axle 1		F2-Front axle 2		R1-Rear axle 1		R2-Rear axle 2	
	SELCO N°1	POSITION SELCO 1	SELCO N°2	POSITION SELCO 2	SELCO N°3	POSITION SELCO 3	SELCO N°4	POSITION SELCO 4
11R22.5 X MULTI D+ TL 148/145L					015488	R1	016919	R2
11R22.5 X MULTI Z 2 TL 148/145L	017771	F1	017772	F2	017773	R1	017774	R2
13R22.5 X WORKS Z TL 156/150K	017509	F1	017510	F2	017511	R1	017512	R2
13 R 22.5 X WORKS HD Z TL 156/151K	017783	F1	017784	F2	017785	R1	017786	R2
13R22.5 X WORKS HD D TL 156/151K					017788	R1	017789	R2
13R22.5 X WORKS D TL 156/150K					016231	R1	016232	R2
275/70R22.5 X MULTI Z TL 148/145L	015782	F1	015783	F2	015784	R1	015785	R2
275/70R22.5 X MULTI D TL 148/145L					015801	R1	015802	R2
295/60R22.5 X MULTI D TL 150/147L					016299	R1	016300	R2
295/60R22.5 X LINE ENERGY Z TL 150/147L	017689	F1	017690	F2	017691	R1	017692	R2
295/60R22.5 X LINE ENERGY D TL 150/147K					016027	R1	016028	R2
295/80 R 22.5 XZA2 ENERGY TL 152/148M	010871	F1	010872	F2	010873	R1	010874	R2
295/80 R 22.5 X MULTIWAY 3D XZE TL 152/148M	015341	F1	015342	F2	015343	R1	015344	R2
295/80 R 22.5 X MULTIWAY 3D XDE TL 152/148L					015469	R1	015470	R2
295/80R22.5 X MULTI WINTER Z TL 154/149L	015957	F1	015958	F2	015945	R1	015946	R2
295/80R22.5 X WORKS D TL 152/148K					017776	R1	017777	R2
315/45R22.5 X MULTI D TL 147/145L					17300	R1		
315/60R22.5 X LINE ENERGY Z TL 154/148L	017684	F1	017685	F2	017686	R1	017687	R2
315/60R22.5 X LINE ENERGY D TL 152/148L					016035	R1	016036	R2
315/60R22.5 X MULTI Z TL 154/148L	017203	F1	017204	F2	017205	R1	017206	R2
315/60R22.5 X MULTI D TL 152/148L					016302	R1	016303	R2
315/70R22.5 X MULTI Z TL 156/150L	016234	F1	016235	F2	016236	R1	016237	R2
315/70R22.5 X MULTI D TL 154/150L					016239	R1	016240	R2
315/70R22.5 X LINE ENERGY Z TL 156/150L	017144	F1	017145	F2	017146	R1	017147	R2
315/70R22.5 X LINE ENERGY D TL 154/150L					016009	R1	016010	R2
315/70R22.5 X MULTI ENERGY Z TL 156/150L	016564	F1	016565	F2	016566	R1	016567	R2
315/70R22.5 X MULTI ENERGY D TL 154/150L					017057	R1	017058	R2
315/70R22.5 X MULTI GRIP D TL 154/150L					010075	R1	010076	R2
315/80R22.5 X MULTI HD D 156/150L TL					Pre Order Validation only. Homologated but to be ordered under specific process			
315/80R22.5 X LINE ENERGY Z TL 156/150L	015693	F1	015694	F2	015695	R1	015696	R2
315/80R22.5 X LINE ENERGY D TL 156/150L					015698	R1	015699	R2
315/80R22.5 X MULTI Z TL 156/150L	017476	F1	017477	F2	017478	R1	017479	R2
315/80R22.5 X MULTI D TL 156/150L					017481	R1	017482	R2
315/80R22.5 X MULTI ENERGY Z TL 156/150L	017484	F1	017485	F2	017486	R1	017487	R2
315/80R22.5 X MULTI ENERGY D TL 156/150L					017489	R1	017490	R2
315/80R22.5 X WORKS Z TL 156/150K	017149	F1	017150	F2	017151	R1	017152	R2
315/80R22.5 X WORKS D TL 156/150K					016095	R1	016096	R2
315/80R22.5 X WORKS HD Z TL 156/150K	017497	F1	017498	F1	017499	R1	017500	R2
315/80R22.5 X WORKS HD D TL 156/150K					017502	R1	017503	R2
315/80 R 22.5 XFN 2+ TL 156/150L	013309	F1	013310	F2	013311	R1	013312	R2
315/80R22.5 X MULTI GRIP D TL 156/150L					010051	R1	010052	R2
355/50R22.5 X LINE ENERGY Z TL 156K	017680	F1	017681	F2			017682	R2
355/50R22.5 X MULTI Z TL 156K	017568	F1						
385/55R22.5 X LINE ENERGY F TL 160K	017676	F1	017677	F2			017678	R2
385/55R22.5 X MULTI F TL 160K	016242	F1	016243	F2			016244	R2
385/55R22.5 X MULTI GRIP Z AS TL 160K	010060	F1	010061	F2				
385/65R22.5 X LINE ENERGY F TL 160K	015701	F1	015702	F2			015703	R2
385/65R22.5 X MULTI Z TL 160K	017208	F1	017209	F2			017210	R2
385/65 R 22.5 XFN 2 AS TL 158L	012647	F1	012648	F2			012649	R2
385/65R22.5 X MULTI GRIP Z AS TL 160K	010027	F1	010028	F2				
385/65 R 22.5 XZY 3 TL 160K	012159	F1	012160	F2			012161	R2
385/65R22.5 X WORKS HL Z TL 164J	017779	F1	017780	F2				
385/65R22.5 X MULTI HL Z TL 164K	017505	F1	017506	F2			017507	R2
325/95R24 X WORKS Z TL 162/160K					Pre Order Validation only. Homologated but to be ordered under specific process			
325/95R24 X WORKS D2 TL 162/160K					Pre Order Validation only. Homologated but to be ordered under specific process			



# LIST OF OPTION CODES VEH < 16 TONS

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< 16 TONS VEHICLES

DESCRIPTION	F1-Front axle 1		F2-Front axle 2		R1-Rear axle 1		R2-Rear axle 2	
	SELCO N°1	POSITION SELCO 1	SELCO N°2	POSITION SELCO 2	SELCO N°3	POSITION SELCO 3	SELCO N°4	POSITION SELCO 4
205/75R17.5 X MULTI Z TL 124/122M	016012	F1	016013	F2	016014	R1	016015	R2
205/75R17.5 X MULTI D TL 124/122M					016019	R1	016020	R2
215/75R17.5 X MULTI Z TL 126/124M	015472	F1	015473	F2	015474	R1	015475	R2
215/75R17.5 X MULTI D TL 126/124M					015426	R1	015427	R2
225/75R17.5 X MULTI Z TL 129/127M	015673	F1	015674	F2	015675	R1	015676	R2
225/75R17.5 X MULTI D TL 129/127M					015429	R1	015430	R2
235/75R17.5 X MULTI Z TL 132/130M	015678	F1	015679	F2	015680	R1	015681	R2
235/75R17.5 X MULTI D TL 132/130M					015432	R1	015433	R2
235/75R17.5 X LINE ENERGY T TL 143/141J			015372	F2				
245/70R17.5 X MULTI Z TL 136/134M	015683	F1	015684	F2	015685	R1	015686	R2
245/70R17.5 X MULTI D TL 136/134M					015435	R1	015436	R2
245/70R19.5 X MULTI Z TL 136/134M	015772	F1	015773	F2	015774	R1	015775	R2
245/70R19.5 X MULTI D TL 136/134M					015477	R1	015478	R2
265/70R19.5 X MULTI Z TL 140/138M	015777	F1	015778	F2	015779	R1	015780	R2
265/70R19.5 X MULTI D TL 140/138M					015480	R1	015481	R2
285/70R19.5 X MULTI Z TL 146/144L	015483	F1	015484	F2	015485	R1	015486	R2
285/70R19.5 X MULTI D TL 146/144L					015488	R1	015489	R2





# FUEL & TIRE COSTS IN LONG HAULAGE





HOW THE TIRES IMPACT  
THE FUEL CONSUMPTION

# ***HOW THE TIRES IMPACT THE FUEL CONSUMPTION***



# COSTS COMPARISON



# COSTS COMPARISON



COSTS  
COMPARISON

## LONG HAUL

### EXAMPLES OF USES:

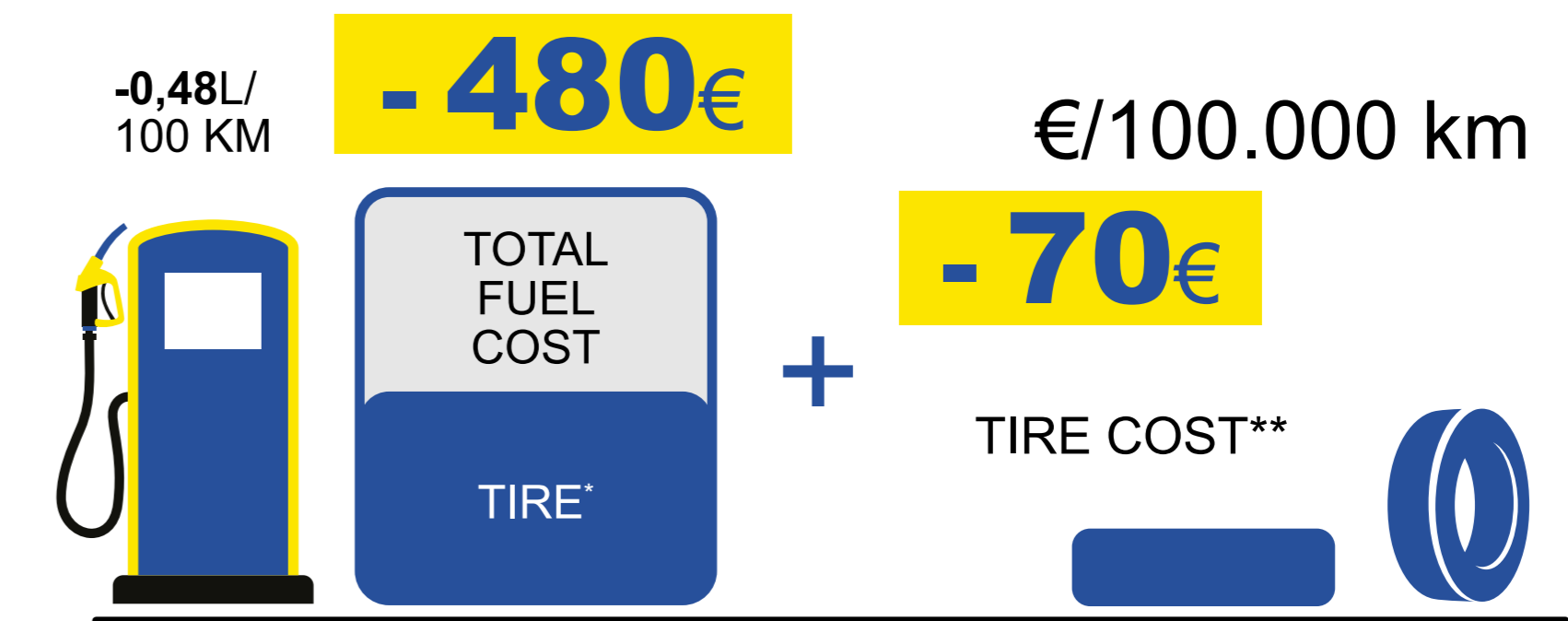
LONG HAUL 50%  
REGIONAL DISTRIBUTION 50%  
AVERAGE LOAD: 29.16 T

315/80 R 22.5  
 STEER X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> Z  B  
 DRIVE X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> D  B

315/70 R 22.5  
 STEER X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> Z2  A  
 DRIVE X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> D2  A



**REFERENCE**



**-550 €**  
per 100.000 km

Results may vary according to usage in particular road and load conditions.

\* Fuel cost due to tire rolling resistance, based on certified rolling resistance values and vecto tool.

\*\* Tire cost based on internal mileage data collection, average tire price on replacement market, average price for tire mounting operations.



# COSTS COMPARISON



COSTS  
COMPARISON

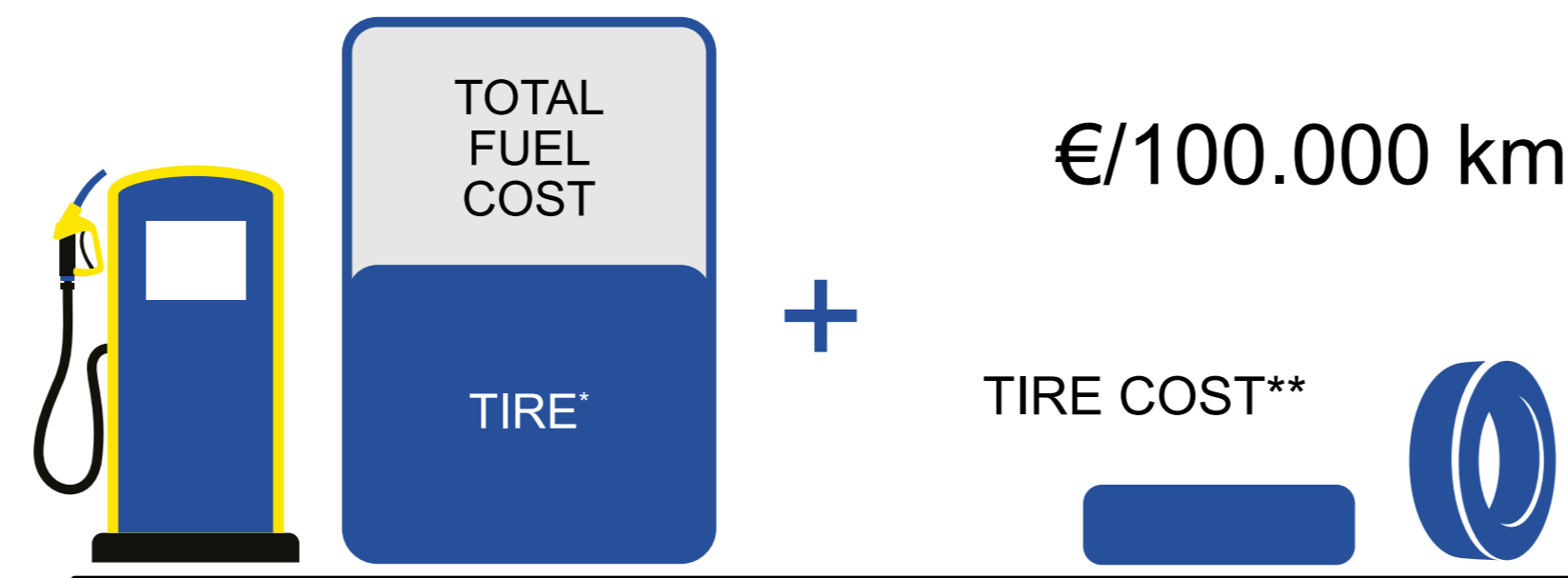
## LONG HAUL

### EXAMPLES OF USES:

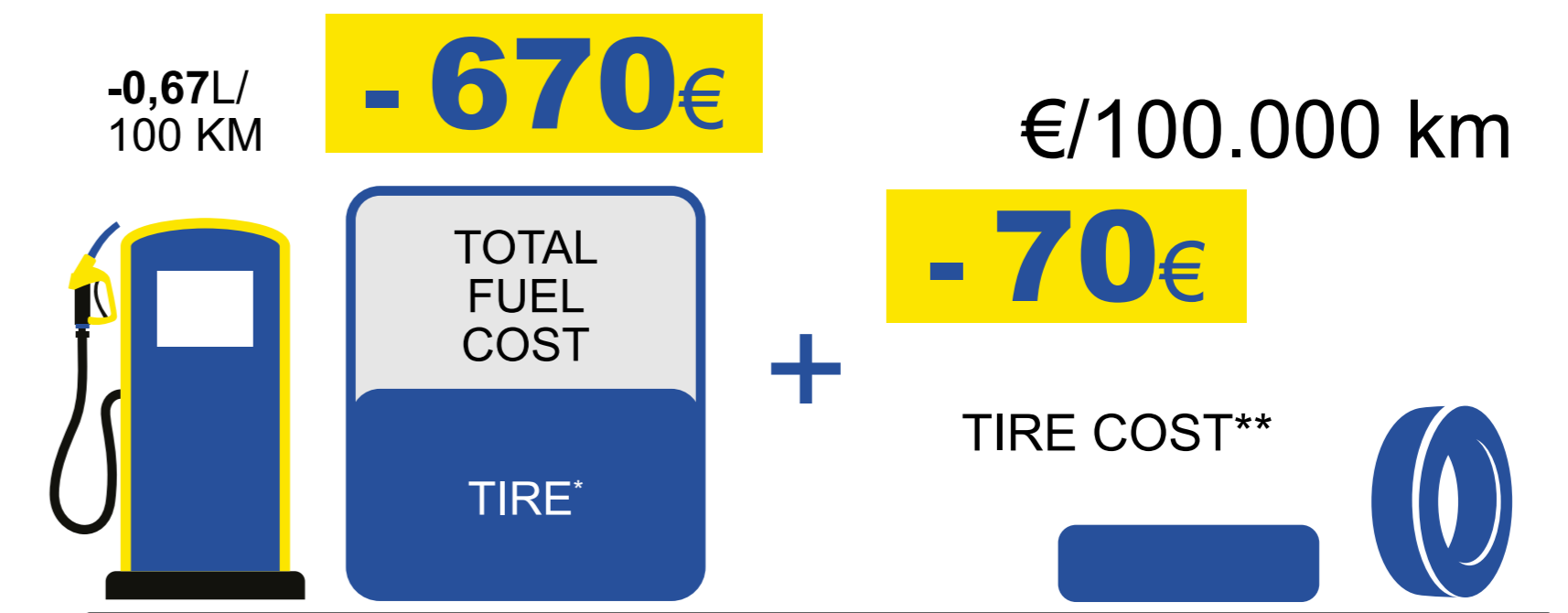
LONG HAUL 100%  
REGIONAL DISTRIBUTION 0%  
AVERAGE LOAD: 29.16 T

315/80 R 22.5  
STEER X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> Z  B  
DRIVE X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> D  B

315/70 R 22.5  
STEER X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> Z2  A  
DRIVE X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> D2  A



**REFERENCE**



**-740 €**  
per 100.000 km

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# COSTS COMPARISON



COSTS  
COMPARISON

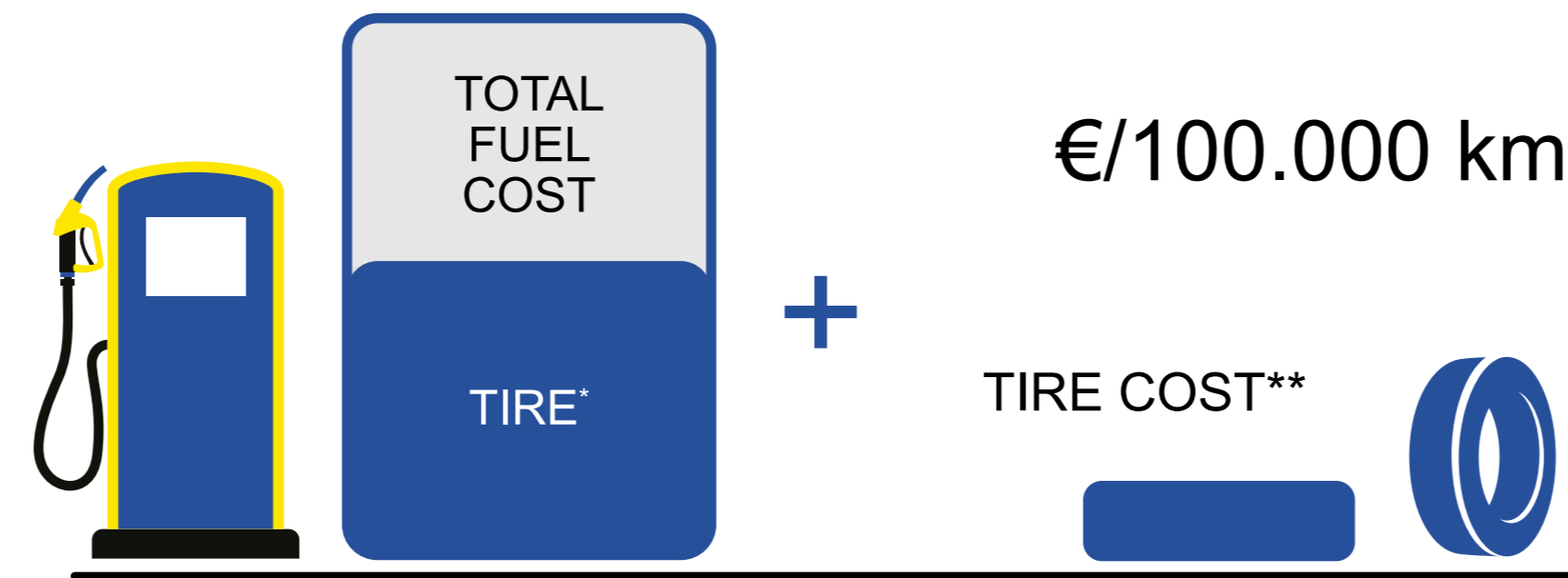
## LONG HAUL

### EXAMPLES OF USES:

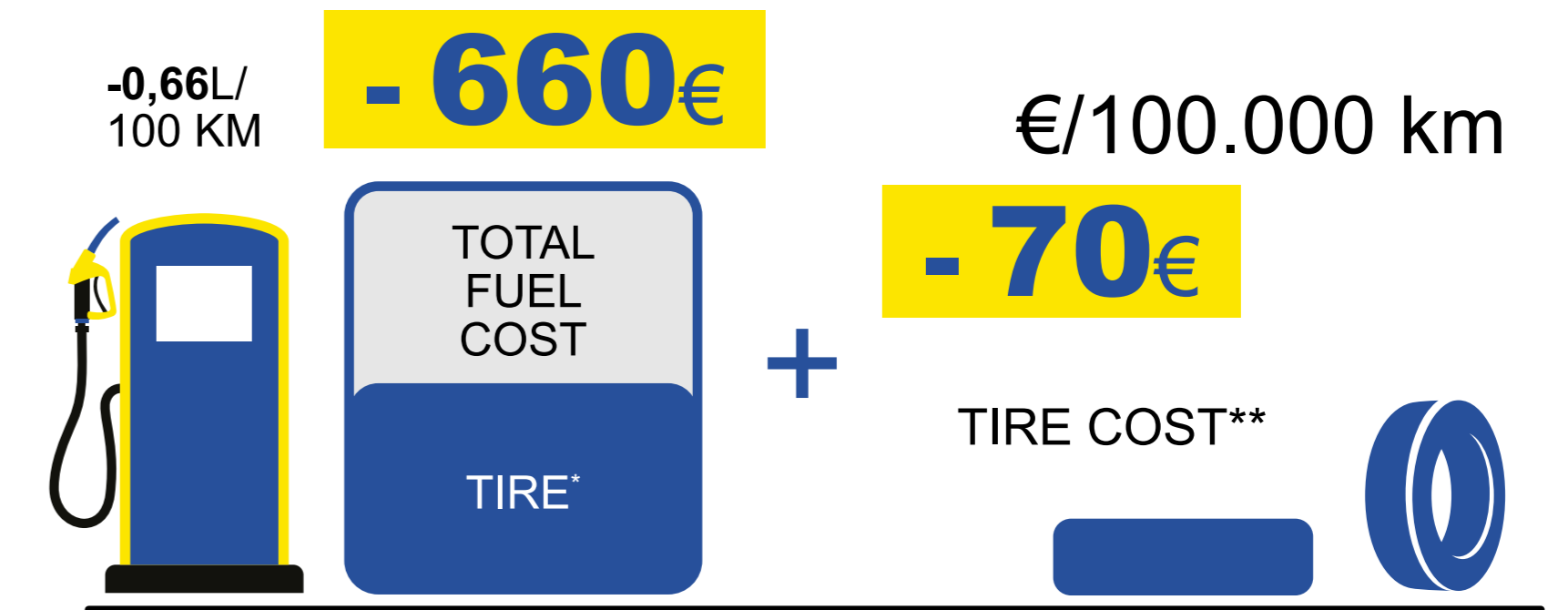
LONG HAUL 50%  
REGIONAL DISTRIBUTION 50%  
FULL LOAD: 40 T

315/80 R 22.5  
 STEER X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> Z  B  
 DRIVE X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> D  B

315/70 R 22.5  
 STEER X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> Z2  A  
 DRIVE X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> D2  A



**REFERENCE**



**-730 €**  
 per 100.000 km

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# COSTS COMPARISON



COSTS  
COMPARISON

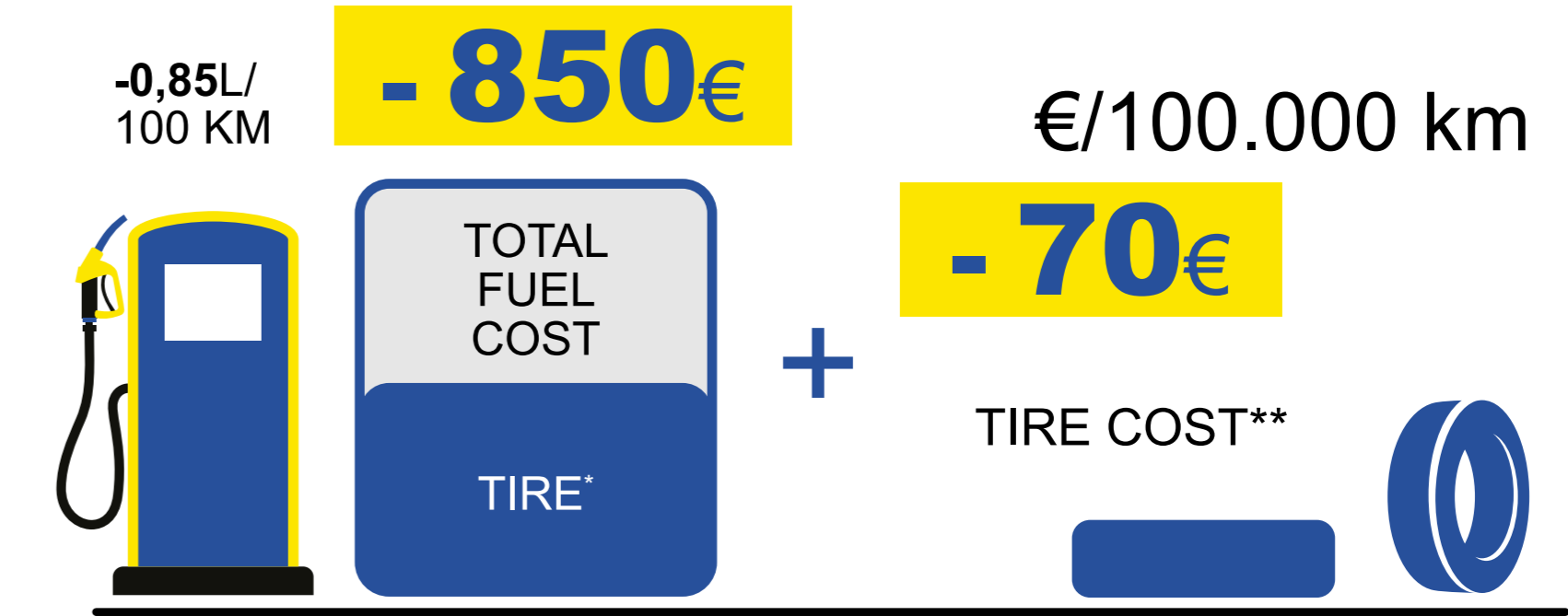
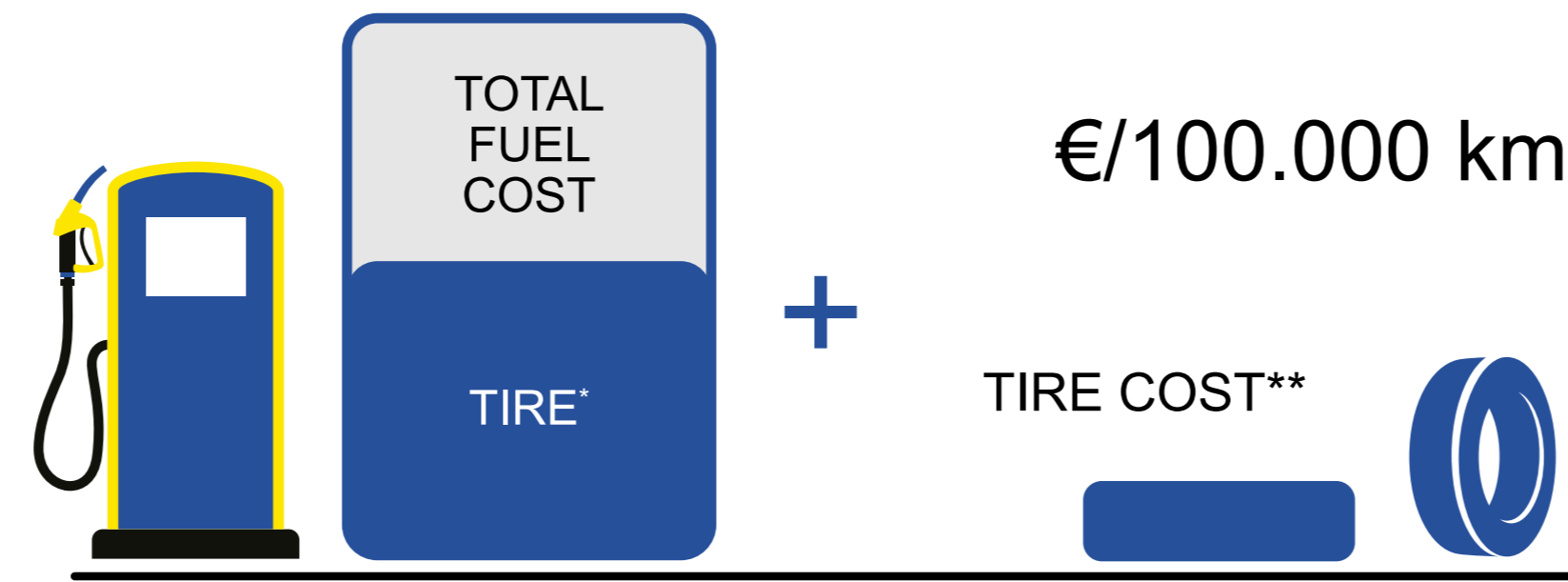
## EXAMPLES OF USES:

LONG HAUL 100%  
REGIONAL DISTRIBUTION 0%  
FULL LOAD: 40 T

### LONG HAUL

315/80 R 22.5  
 STEER X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> Z  B  
 DRIVE X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> D  B

315/70 R 22.5  
 STEER X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> Z2  A  
 DRIVE X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup> D2  A



**REFERENCE**

**-920 €**  
per 100.000 km

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# COSTS COMPARISON



COSTS  
COMPARISON

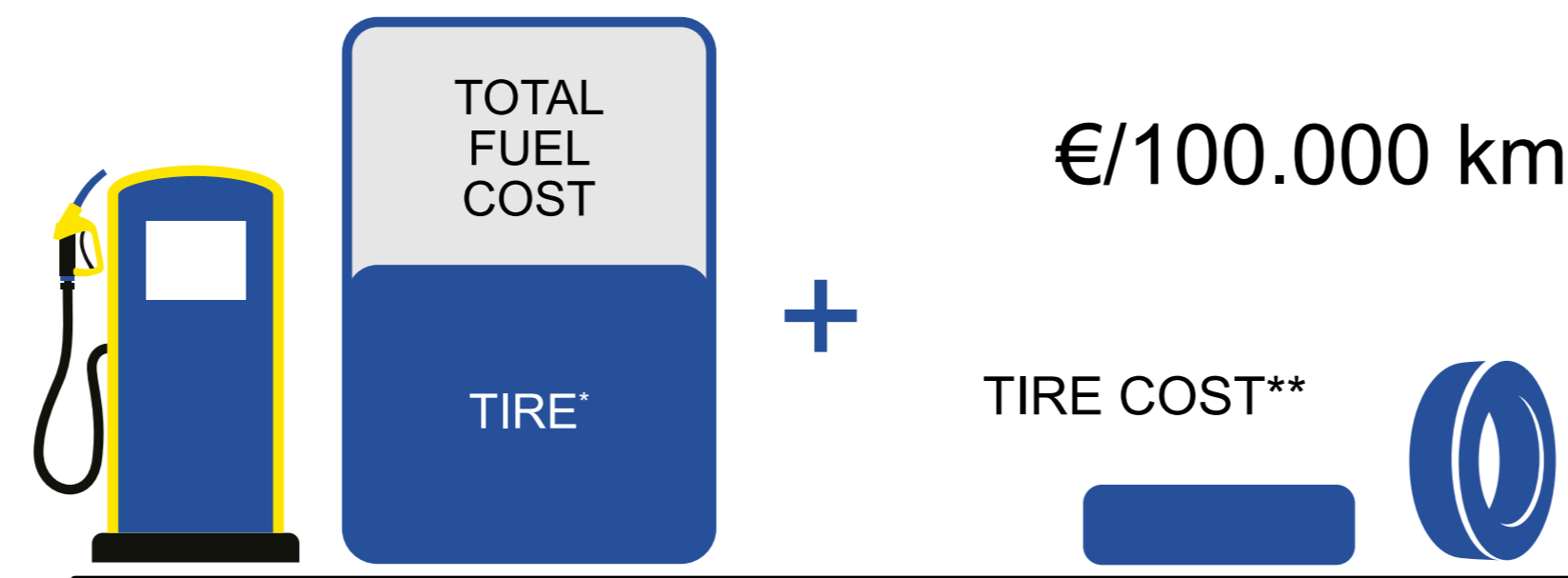
## EXAMPLES OF USES:

LONG HAUL 50%  
REGIONAL DISTRIBUTION 50%  
AVERAGE LOAD: 29.16 T

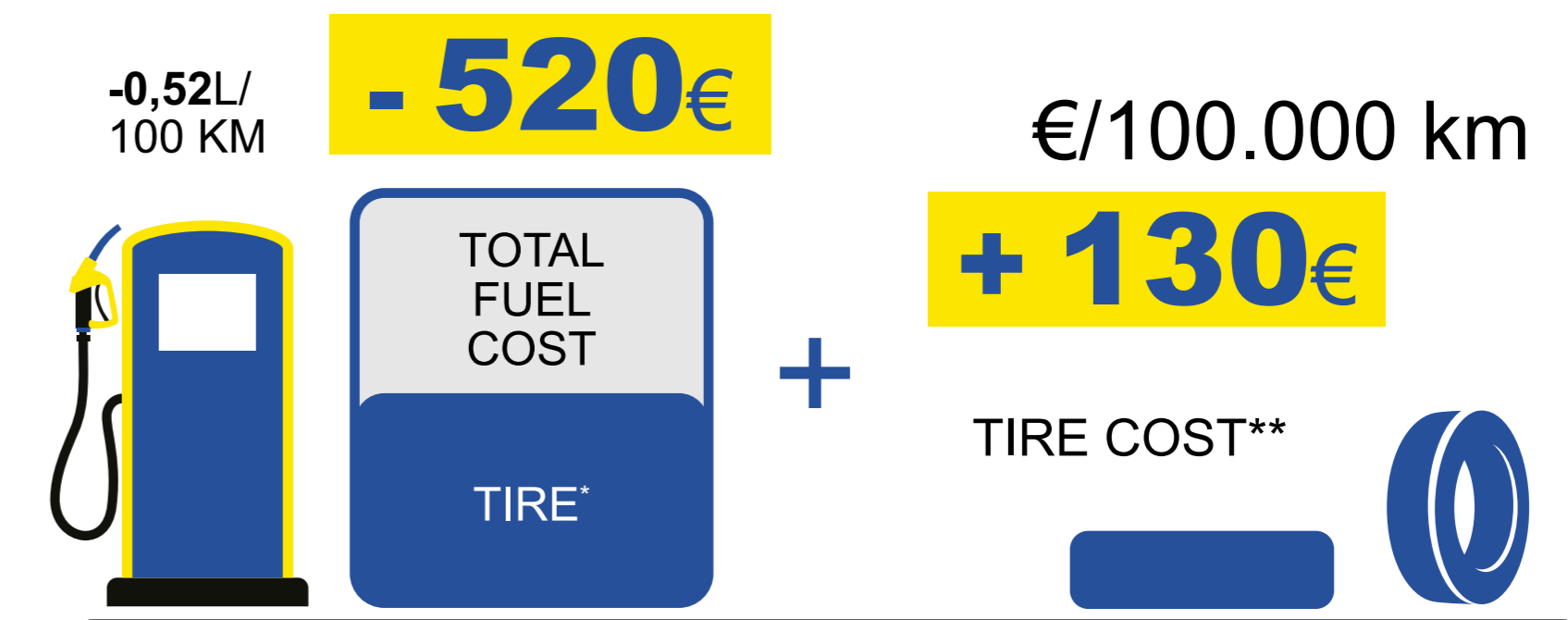
## VERSATILE

315/70 R 22.5  
STEER X<sup>®</sup> MULTI<sup>™</sup> Z  C  
DRIVE X<sup>®</sup> MULTI<sup>™</sup> D  D

315/70 R 22.5  
STEER X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> Z  B  
DRIVE X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> D  C



**REFERENCE**



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# COSTS COMPARISON



COSTS  
COMPARISON

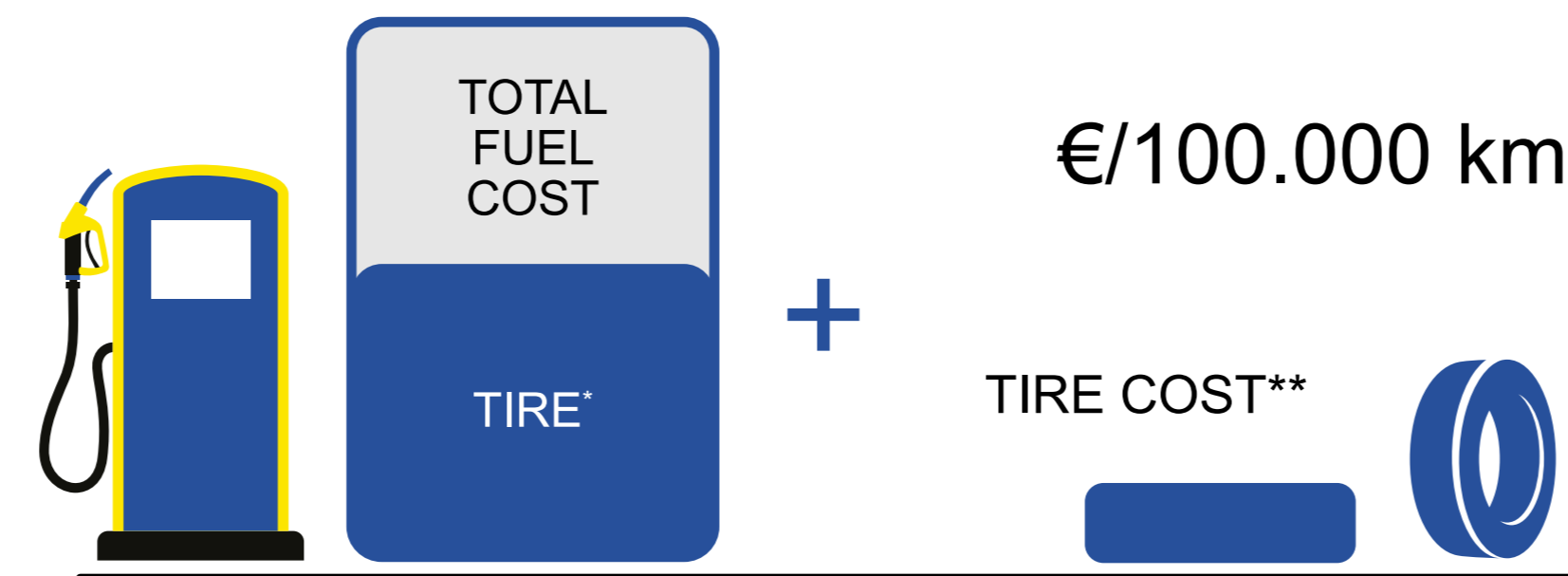
## EXAMPLES OF USES:

LONG HAUL 100%  
REGIONAL DISTRIBUTION 0%  
AVERAGE LOAD: 29.16 T

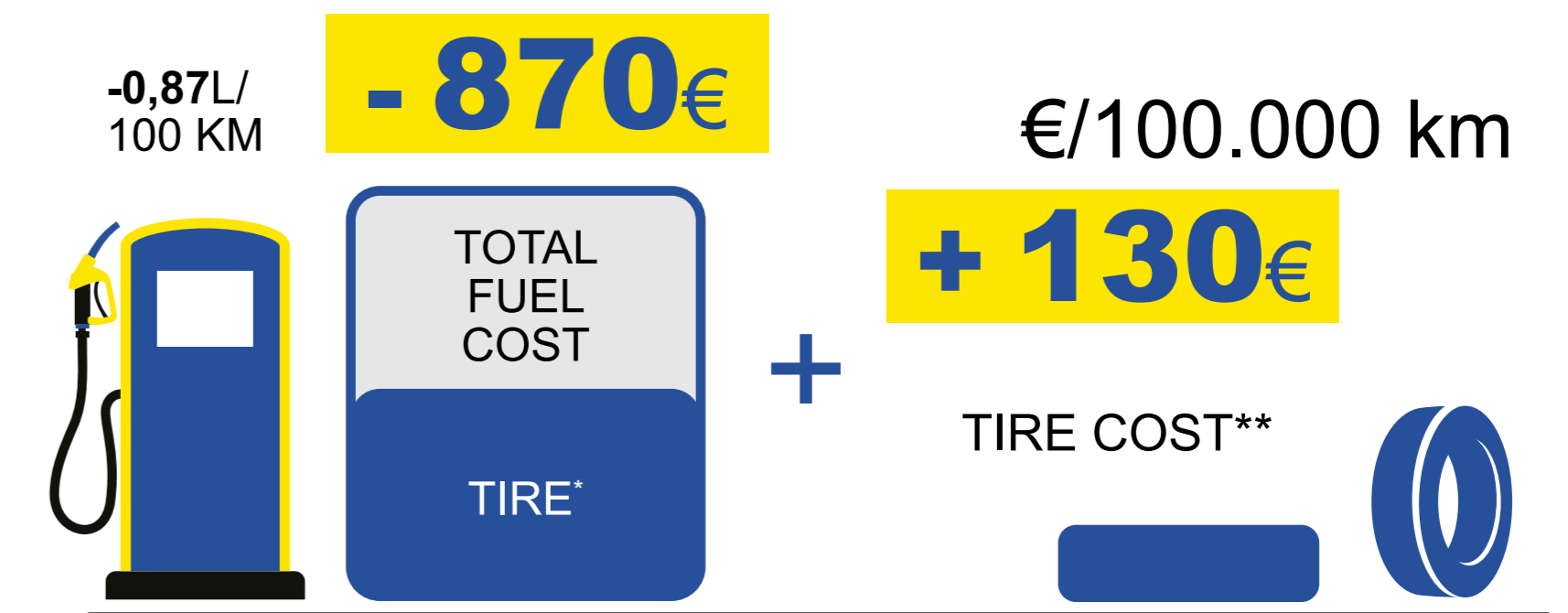
### VERSATILE

315/70 R 22.5  
STEER X<sup>®</sup> MULTI<sup>™</sup> Z  C  
DRIVE X<sup>®</sup> MULTI<sup>™</sup> D  D

315/70 R 22.5  
STEER X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> Z  B  
DRIVE X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> D  C



**REFERENCE**



**-740 €**  
per 100.000 km

Results may vary according to usage in particular road and load conditions.

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# COSTS COMPARISON



COSTS  
COMPARISON

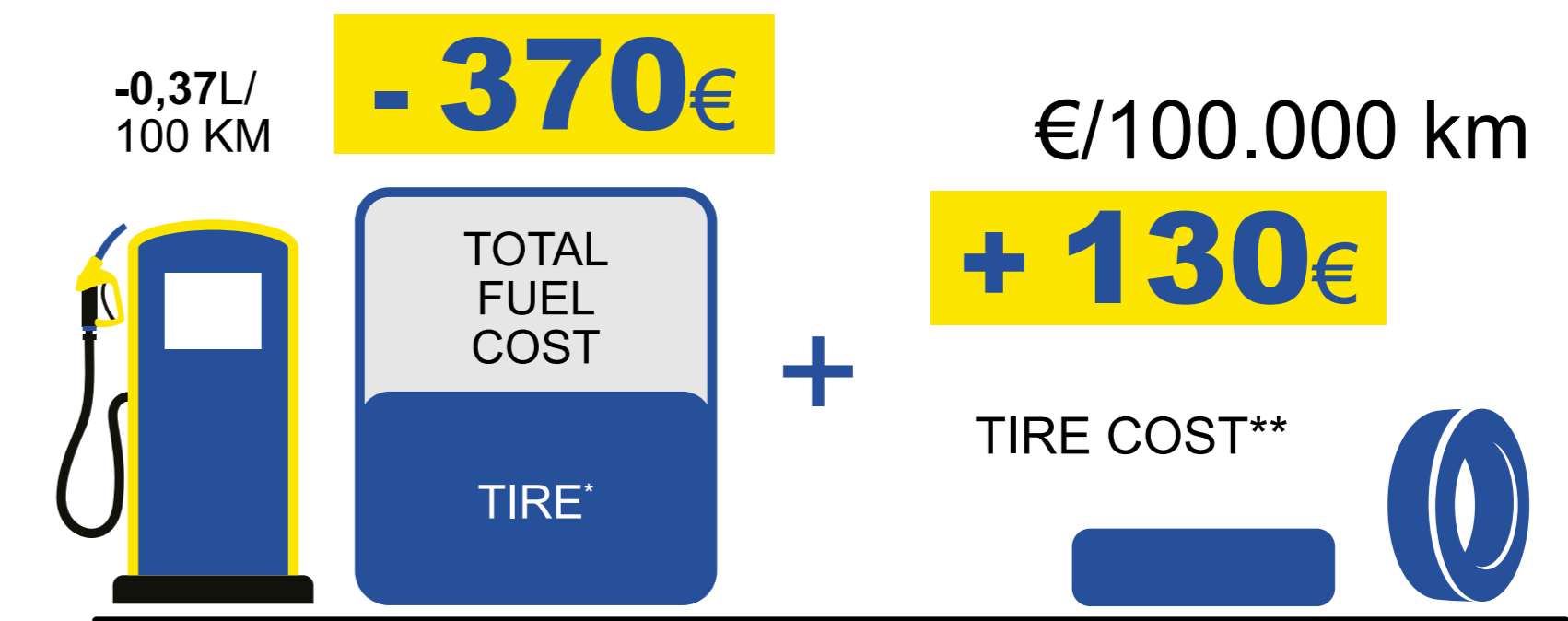
## EXAMPLES OF USES:

LONG HAUL 0%  
REGIONAL DISTRIBUTION 100%  
AVERAGE LOAD: 29.16 T

### VERSATILE

315/70 R 22.5  
STEER X<sup>®</sup> MULTI<sup>™</sup> Z  C  
DRIVE X<sup>®</sup> MULTI<sup>™</sup> D  D

315/70 R 22.5  
STEER X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> Z  B  
DRIVE X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> D  C



**REFERENCE**

**-240 €**  
per 100.000 km

Results may vary according to usage in particular road and load conditions.

\* Fuel cost due to tire rolling resistance, based on certified rolling resistance values and vecto tool.

\*\* Tire cost based on internal mileage data collection, average tire price on replacement market, average price for tire mounting operations.


# COSTS COMPARISON



COSTS  
COMPARISON

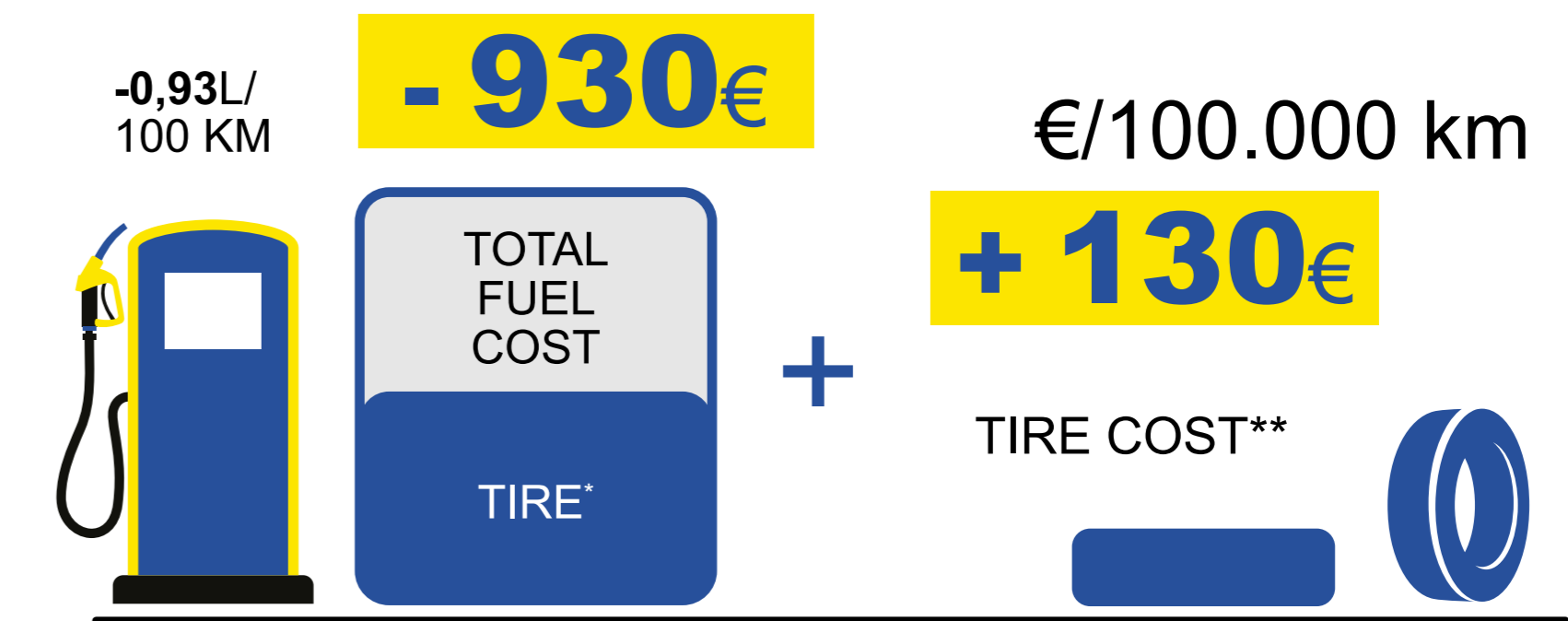
## EXAMPLES OF USES:

LONG HAUL 50%  
REGIONAL DISTRIBUTION 50%  
FULL LOAD: 40 T

### VERSATILE

315/70 R 22.5  
STEER X<sup>®</sup> MULTI<sup>™</sup> Z  C  
DRIVE X<sup>®</sup> MULTI<sup>™</sup> D  D

315/70 R 22.5  
STEER X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> Z  B  
DRIVE X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> D  C



**REFERENCE**

**-800 €**  
per 100.000 km

Results may vary according to usage in particular road and load conditions.

\* Fuel cost due to tire rolling resistance, based on certified rolling resistance values and vecto tool.


\*\* Tire cost based on internal mileage data collection, average tire price on replacement market, average price for tire mounting operations.



# COSTS COMPARISON

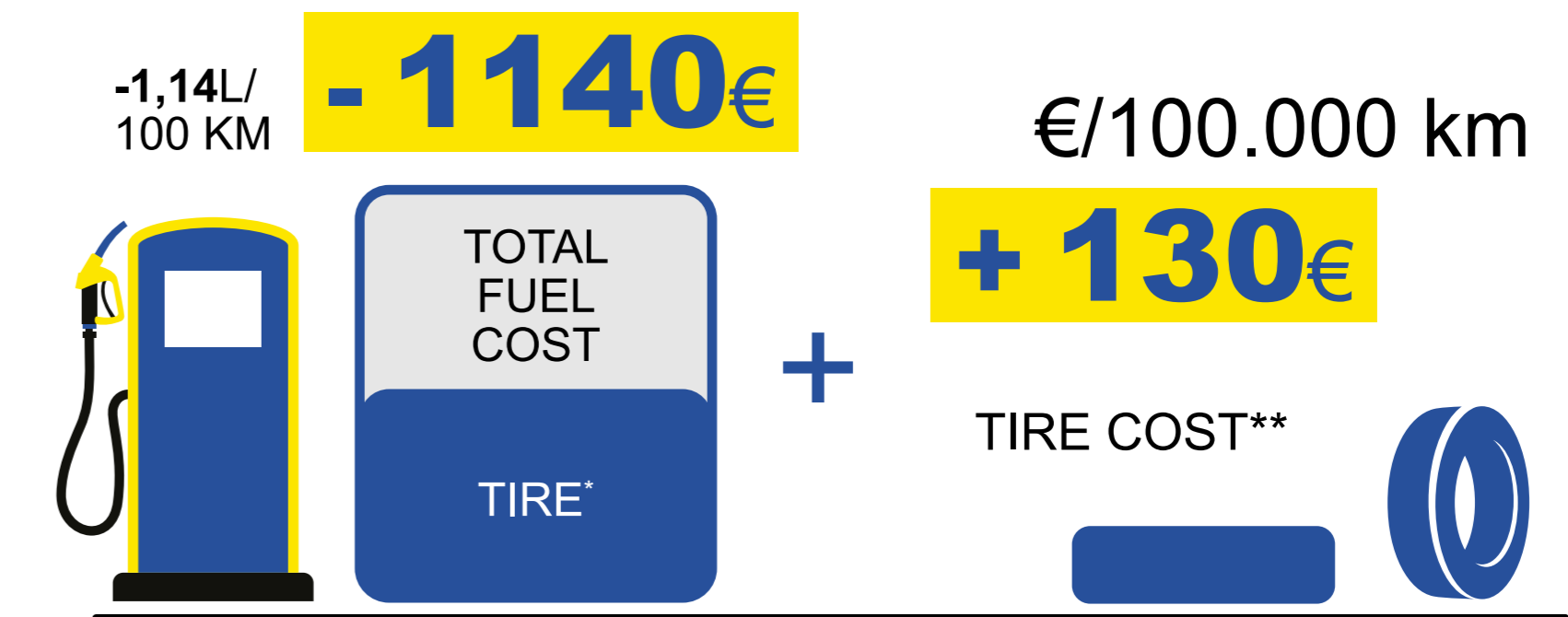
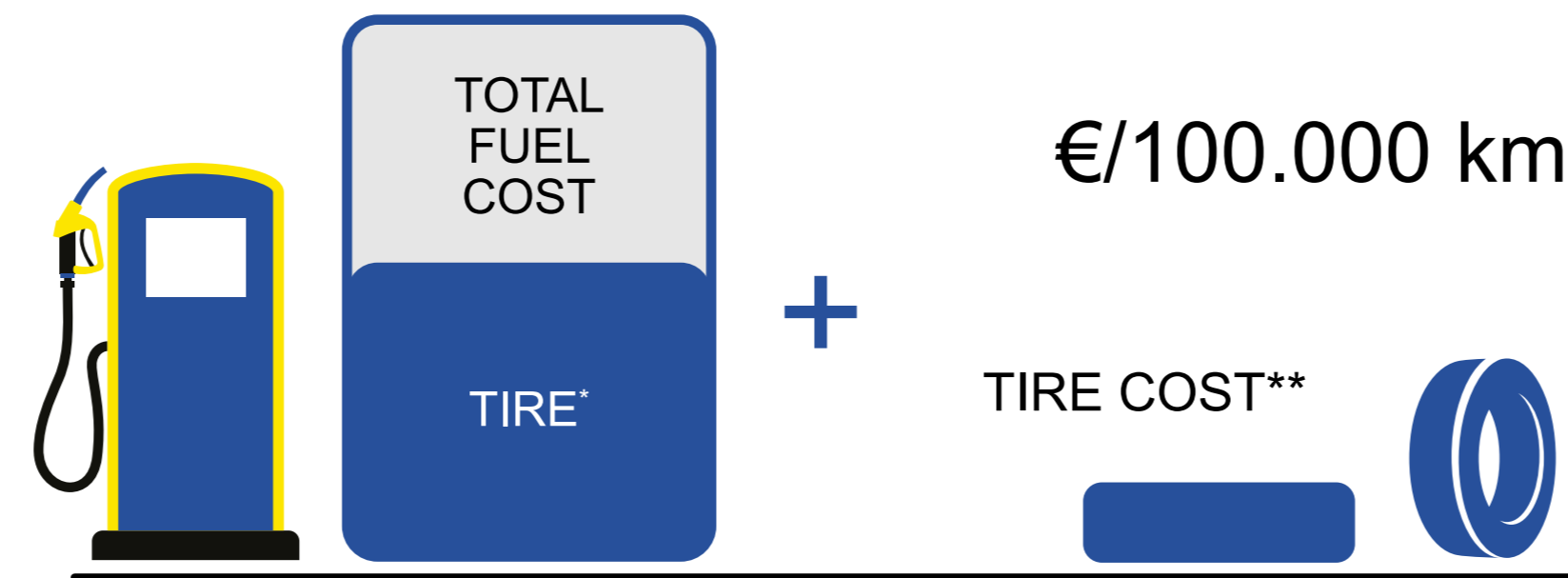
COSTS  
COMPARISON

## EXAMPLES OF USES:

### VERSATILE

315/70 R 22.5  
**STEER X<sup>®</sup> MULTI<sup>™</sup> Z**  **C**  
**DRIVE X<sup>®</sup> MULTI<sup>™</sup> D**  **D**

315/70 R 22.5  
**STEER X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> Z**  **B**  
**DRIVE X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> D**  **C**



**REFERENCE**

**-1010 €**  
per 100.000 km

LONG HAUL 100%  
 REGIONAL DISTRIBUTION 0%  
 FULL LOAD: 40 T

Results may vary according to usage in particular road and load conditions.

\* Fuel cost due to tire rolling resistance, based on certified rolling resistance values and vecto tool.

\*\* Tire cost based on internal mileage data collection, average tire price on replacement market, average price for tire mounting operations.



# COSTS COMPARISON

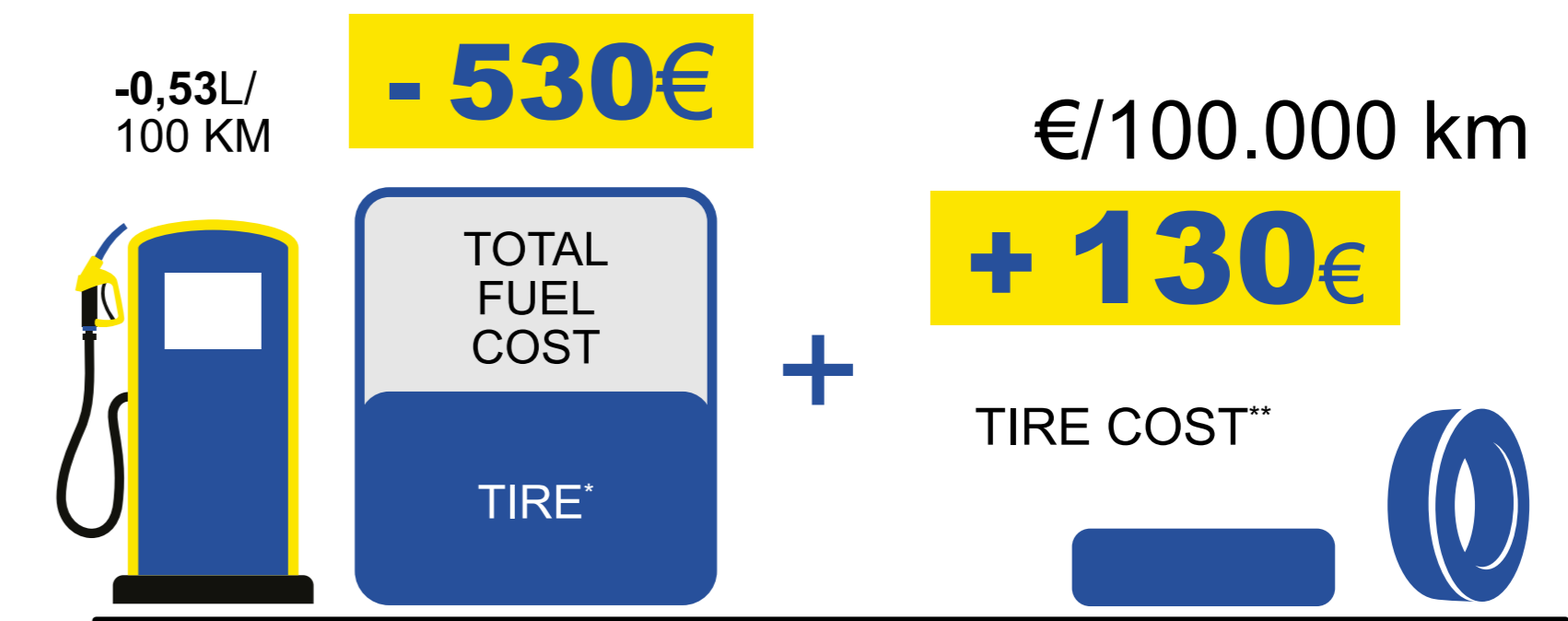
COSTS  
COMPARISON

## EXAMPLES OF USES:

### VERSATILE

315/70 R 22.5  
**STEER X<sup>®</sup> MULTI<sup>™</sup> Z**  **C**  
**DRIVE X<sup>®</sup> MULTI<sup>™</sup> D**  **D**

315/70 R 22.5  
**STEER X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> Z**  **B**  
**DRIVE X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> D**  **C**



**REFERENCE**

**-400 €**  
per 100.000 km

LONG HAUL **0%**  
 REGIONAL DISTRIBUTION **100%**  
 FULL LOAD: **40 T**

Results may vary according to usage in particular road and load conditions.

\* Fuel cost due to tire rolling resistance, based on certified rolling resistance values and vecto tool.

\*\* Tire cost based on internal mileage data collection, average tire price on replacement market, average price for tire mounting operations.

# ***CUSTOMER TESTIMONIALS***

CUSTOMER  
TESTIMONIALS



MAR-POL company speaks about  
MICHELIN X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup>

**Comparative mileage study**  
with the ECHEMAR company

JAMMET company speaks about  
**4 lives for tires**



INTRA company speaks about  
MICHELIN X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup>



Testimonies and tests on range  
MICHELIN X<sup>®</sup> MULTI<sup>™</sup>

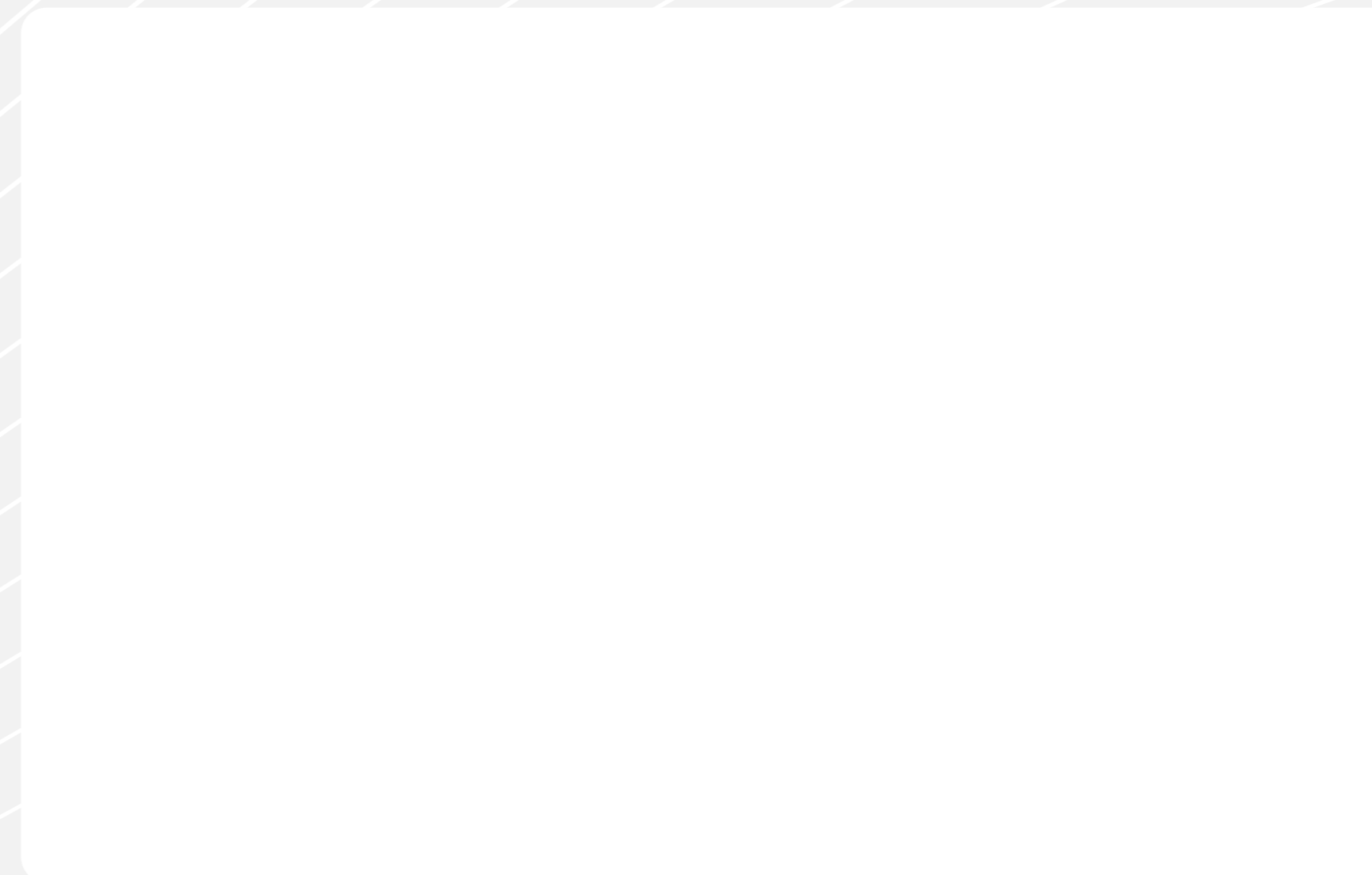
PREMAT company speaks about  
**multi lives of the tires**

YOUR REAL-LIFE  
DEMONSTRATION

# ***YOUR REAL-LIFE DEMONSTRATION***

*FOCUS ON 17.5 AND 19.5 RANGES*

**Control in all situations:  
handling test**

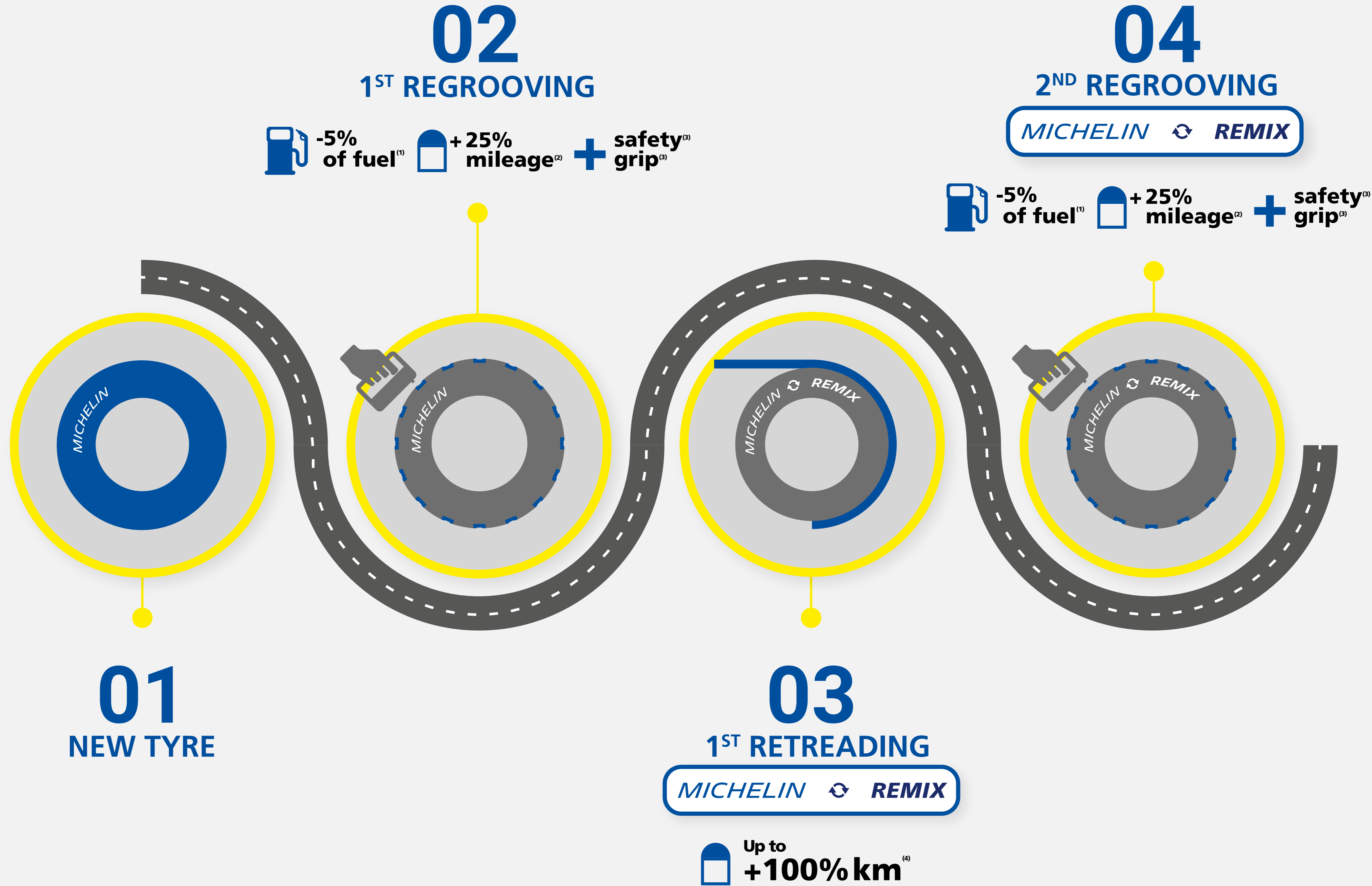


**Wet braking performance  
with used tires**

**Safety in all weather  
conditions**



HOW TO REDUCE YOUR COSTS WITH REGROOVING AND RETREADING



The value of regrooving and retreading

(1) 5,6% fuel consumption gain: Internal study performed at Ladoux (France), May 2021, carried out under DEKRA supervision, comparing 315/70 R 22.5 MICHELIN X LINE ENERGY Z2&D2 new tyres vs. regrooved tyres (R5mm). Results may vary depending on weather conditions, road type, tyre size and driving style.  
 (2) Compared to a worn non-regrooved MICHELIN tyre. Based on a 4-mm average regrooving. Information taken from recommendations made by the French tyre manufacturers' federation TPNF in 2013 according to which regrooving of worn tyres increases tyre lifetime by using all available rubber.  
 (3) On wet ground, regrooved tyres offer approx. 10% greater transverse grip and traction compared to the same worn tyres. Internal study carried out by Michelin in 2010 at Ladoux on a polished concrete track; results may vary depending on the conditions of use.  
 (4) The tread compound and pattern of the MICHELIN Remix tyres are largely the same as those used for new MICHELIN tyres. 90% of the range of MICHELIN Remix tyres uses the same mould and the same materials as new MICHELIN tyres which may lead to up to equivalent performance between MICHELIN Remix tyres and new Michelin tyres. Internal evaluations carried out by the Michelin Research and Technology Center based on customer testimonials collected in Europe since 2015.

FOCUS ON NEW  
MULTI ENERGY





# MICHELIN X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> Z

Maximise fuel efficiency with no trade off on mileage and safety

## SPECIFICATIONS





MICHELIN X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> Z

Maximise fuel efficiency with no trade off on mileage and safety

BENEFITS

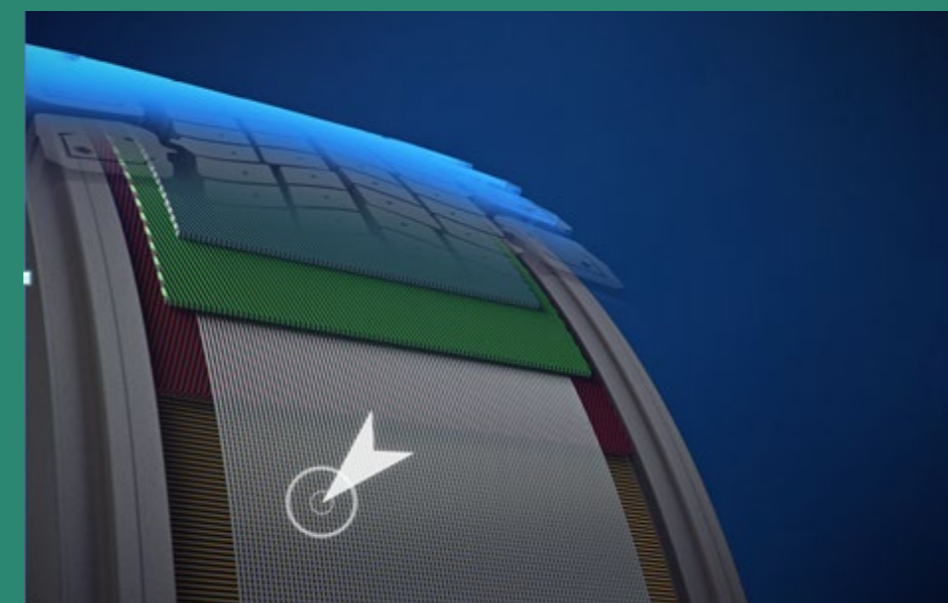




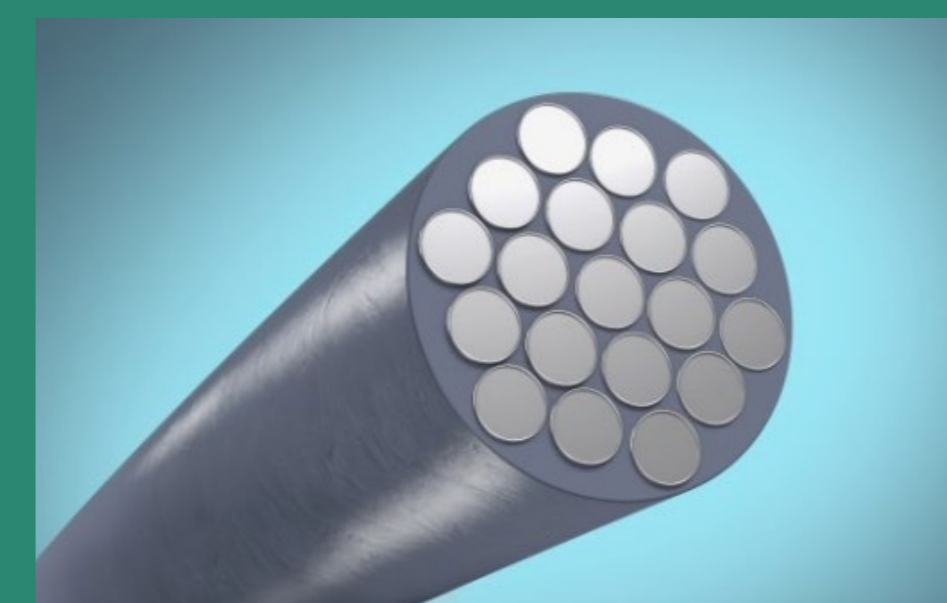
# MICHELIN X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> Z

Maximise fuel efficiency with no trade off on mileage and safety

## FEATURES



**INFINICOIL**  
Michelin endurance  
over the tire's lifetime



**POWERCOIL**  
Better endurance and better  
rolling resistance



**REGENION**  
Michelin grip mile after mile



MICHELIN X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> D

Maximise fuel efficiency with no trade off on mileage and safety

SPECIFICATIONS





MICHELIN X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> D

Maximise fuel efficiency with no trade off on mileage and safety

BENEFITS

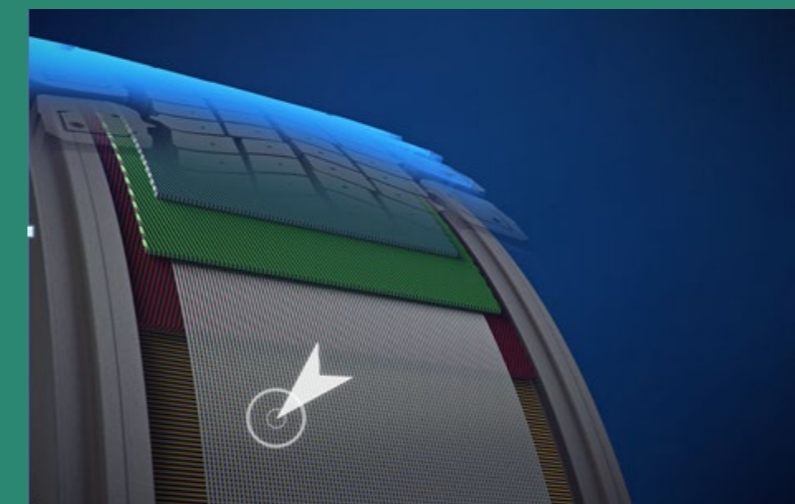




# MICHELIN X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup> D

Maximise fuel efficiency with no trade off on mileage and safety

## FEATURES



**INFINICOIL**  
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Better endurance and better  
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**REGENION**  
Michelin grip mile after mile

# PRODUCT SEGMENTATION

<p><b>PURPOSE</b></p>	<ul style="list-style-type: none"> <li>• Refrigerated Long Haulage</li> <li>• Tankers Long Haulage</li> <li>• Car haulers &amp; High Cube Long Haulage</li> </ul>	<ul style="list-style-type: none"> <li>• Upstream logistics</li> <li>• Express mail &amp; Parcel</li> </ul>	<ul style="list-style-type: none"> <li>• General cargo</li> <li>• Moving company</li> <li>• Tankers</li> <li>• Containers</li> </ul>	<ul style="list-style-type: none"> <li>• Solid bulk &amp; Agricultural</li> <li>• Special transport</li> </ul>	<ul style="list-style-type: none"> <li>• Waste collection</li> <li>• Cement</li> <li>• Material delivery</li> <li>• Road construction</li> </ul>	<ul style="list-style-type: none"> <li>• Logging</li> <li>• Construction site</li> </ul>	<ul style="list-style-type: none"> <li>• Quarries site (energy mining)</li> <li>• Emergency (Firemen)</li> </ul>
<p><b>USE</b></p>	<p>Mainly long haul Commercial speed &gt; 70 km/h</p>	<p>Versatile usage on road Commercial speed &lt; 70 km/h</p>	<p>Any on-road operations</p>	<p>On-Off Road operations</p>	<p>Mixed use Road / Off road</p>	<p>Mixed use Road / Off road</p>	<p>Mainly Off-Road operations</p>
<p><b>RANGES</b></p>	<p>X<sup>®</sup> LINE<sup>™</sup> ENERGY<sup>™</sup></p>	<p>X<sup>®</sup> MULTI<sup>™</sup> ENERGY<sup>™</sup></p>	<p>X<sup>®</sup> MULTI<sup>™</sup></p>	<p>X<sup>®</sup> MULTI<sup>™</sup> HD D</p>	<p>X<sup>®</sup> WORKS<sup>™</sup></p>	<p>X<sup>®</sup> WORKS<sup>™</sup> HD</p>	<p>X<sup>®</sup> FORCE<sup>™</sup> HD</p>
<p><b>MAIN CUSTOMERS NEED</b></p>	<p><b>FUEL &amp; CO<sub>2</sub> SAVINGS</b></p>		<p><b>TIRE COSTS SAVING ALL SEASONS MOBILITY</b></p>			<p><b>ROBUSTNESS MOBILITY ON ALL SURFACES</b></p>	