



Michelin – Witnessing – Fuel Consumption Test

25CPAEXT-249 (4) of 19/06/2026

315/70 R22.5 MICHELIN X® LINE ENERGY™ Z3 & D3 vs competitors
385/65 R22.5 MICHELIN X MULTI T2 vs competitors

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Content

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Test Vehicles Characteristics – Load – Tires Pressures

VEHICLE TYPE : Volvo FH 6*4 - 500 hp - 373 kW

TRAILER : semi-trailer 3 axles

GEARBOX : Automatic

TEST WEIGHT : 39 598 kg (average of the 5 semi trailers)

CIRCUIT : Sorbas (Almería - ES)



Tires Pressures :
Steer : 8.5 bar
Drive : 7.5 bar
Trailer : 9.0 bar

LOAD				LOAD	
		STEER			
3 525	L			R	3 471
		TRUCK			
		DRIVE			
5 510	LR Out. LR In.			RR Out. RR In.	5 490
		TOTAL STEER : 6 997		Kg	
		TOTAL DRIVE : 11 000		Kg	
		TOTAL TRUCK : 17 996		Kg	
		TRAILER			
3 669	L1	AXLE 1		R1	3 541
3 593	L2	AXLE 2		R2	3 597
3 610	L3	AXLE 3		R3	3 592
		TOTAL AXLE 1 : 7 210		Kg	
		TOTAL AXLE 2 : 7 190		Kg	
		TOTAL AXLE 3 : 7 202		Kg	
		TOTAL TRAILER : 21 602		Kg	
		TOTAL TRUCK + TRAILER : 39 598		Kg	

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Tested Tires – Steer

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Position	Dot	Id	Brand	Model	Size
Left	1424	H7W112839	BRIDGESTONE	ECOPIA STEER	315/70 R22,5 156/150L
Right	1424	J7W232525			
Left	4025	6160383404	CONTINENTAL	EFFICIENT PRO HS5	315/70 R22,5 158/150L
Right	4025	6160383654			
Left	4525	1943911295	GOODYEAR	EQMAX S ULTRA	315/70 R22,5 158/150L
Right	4525	1943911344			
Left	2324	1713238645	HANKOOK	SMART LINE AL50	315/70 R22,5 156/150L
Right	2324	1750832819			
Left	3525	LLD99280R	MICHELIN	X® LINE ENERGY™ Z3	315/70 R22,5 158/150L
Right	3525	LLD99262R			

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Tested Tires – Drive

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Position	Dot	Id	Brand	Model	Size
LR in.	4325	L7V413270	BRIDGESTONE	ECOPIA DRIVE	315/70 R22,5 154/150L
RR in.	4325	L7V331306			
RR out.	4325	L7V413235			
LR out.	4325	L7V333240			
LR in.	4025	6160401444	CONTINENTAL	EFFICIENT PRO HD5	315/70 R22,5 154/150L
RR in.	4025	6160440826			
RR out.	4025	6160361069			
LR out.	4025	6160441643			
LR in.	4525	1943911699	GOODYEAR	EQMAX D ULTRA	315/70 R22,5 154/150L
RR in.	4525	1943911907			
RR out.	4525	1943911891			
LR out.	4525	1943911610			
LR in.	3724	1727353230	HANKOOK	SMART LINE DL50	315/70 R22,5 154/150L
RR in.	3724	1727362091			
RR out.	3724	1727362073			
LR out.	3724	1727353208			
LR in.	3625	LLD99012R	MICHELIN	X® LINE ENERGY™ D3	315/70 R22,5 154/150L
RR in.	3625	LLD98992R			
RR out.	3625	LLD98995R			
LR out.	3625	LLD98986R			

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Tested Tires – Trailer

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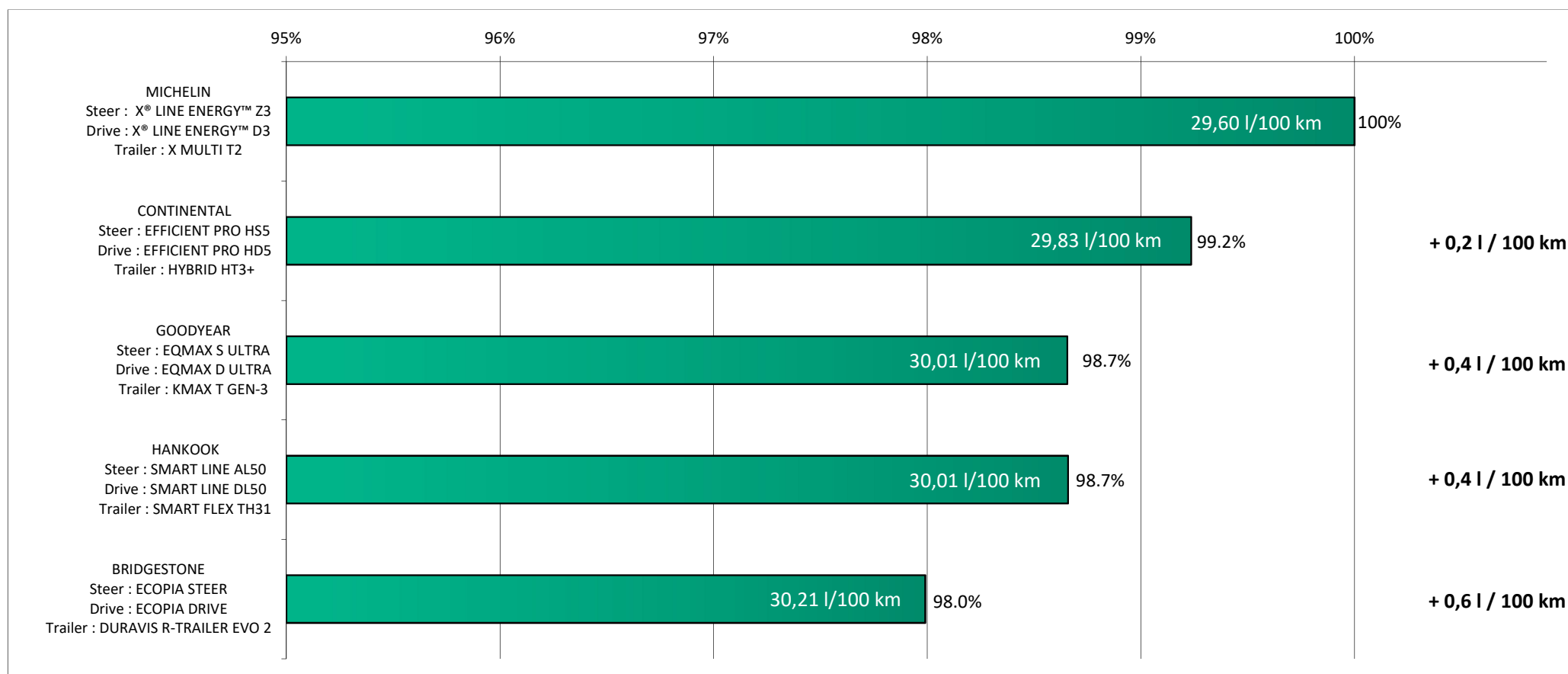
Position	Dot	Id	Brand	Model	Size
Axle1 left	2925	K7V152516	BRIDGESTONE	DURAVIS R-TRAILER EVO 2	385/65 R22,5 164K
Axle1 right	2925	K7V342091			
Axle2 left	2925	K7V563507			
Axle2 right	2925	D7V471643			
Axle3 left	2925	K7V134274			
Axle3 right	2925	K7V151323			
Axle1 left	3725	3708140548	CONTINENTAL	HYBRID HT3+	385/65 R22,5 164K
Axle1 right	3725	6160232425			
Axle2 left	3725	6160232407			
Axle2 right	3725	6160233736			
Axle3 left	3725	6160288080			
Axle3 right	3725	6160232430			
Axle1 left	4425	6018611404	GOODYEAR	KMAX T GEN-3	385/65 R22,5 164K
Axle1 right	4425	6018611409			
Axle2 left	4425	6018600898			
Axle2 right	4425	6018600925			
Axle3 left	4425	6018600941			
Axle3 right	4425	6018611377			
Axle1 left	2825	8958717209	HANKOOK	SMART FLEX TH31	385/65 R22,5 164K
Axle1 right	2825	8958717243			
Axle2 left	2825	8958717244			
Axle2 right	2825	8958710619			
Axle3 left	2825	8958717152			
Axle3 right	2825	8958717397			
Axle1 left	1625	OLD93166R	MICHELIN	X MULTI T2	385/65 R22,5 160K
Axle1 right	1625	OLD93077R			
Axle2 left	1625	OLD92949R			
Axle2 right	1625	OLD93059R			
Axle3 left	1625	OLD93359R			
Axle3 right	1625	OLD93895R			

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Result of Fuel Consumption

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Fuel consumption was monitored using the VolvoConnect app. During the test, DEKRA had direct access to the VolvoConnect site.

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DEKRA Test Center

Your contacts

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