



Michelin – Witnessing – Lateral grip

25CPAEXT-249 (6) of 29/05/2026

315/70R22.5 MICHELIN X[®] LINE ENERGY[™] Z3 & D3 vs competitors – State: new

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Timing

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- Date: Tuesday, May 19th 2026
- Track: Michelin Ladoux. Track #8 (ring): 110 m radius, coating made of polished concrete, and an on-going water allowing a water height of 2.5 mm.
- Type of evaluation: Lateral grip on wet surface

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Staff

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- DEKRA Test Center:
 - 1 Engineer witnessing the comparative study
- MICHELIN:
 - 1 Professional Driver to perform the comparative study
 - 2 Tire Fitters to rotate the wheels

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Tire list

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Position	Matricule #	DOT #	Size - Model
LF	HLI99386N	926	315/70R22.5 MICHELIN X® LINE ENERGY™ Z3 158/150L
RF	HLI99344N	926	315/70R22.5 MICHELIN X® LINE ENERGY™ Z3 158/150L
LRI	HLI98914N	926	315/70R22.5 MICHELIN X® LINE ENERGY™ D3 154/150L
LRO	HLI98952N	926	315/70R22.5 MICHELIN X® LINE ENERGY™ D3 154/150L
RRI	HLI99049N	926	315/70R22.5 MICHELIN X® LINE ENERGY™ D3 154/150L
RRO	HLI98976N	926	315/70R22.5 MICHELIN X® LINE ENERGY™ D3 154/150L
Position	Matricule #	DOT #	Size - Model
LF	C7W412281	2124	315/70R22.5 BRIDGESTONE ECOPIA STEER 156/150L
RF	J7W233002	2324	315/70R22.5 BRIDGESTONE ECOPIA STEER 156/150L
LRI	L7V413198	4325	315/70R22.5 BRIDGESTONE ECOPIA DRIVE 154/150L
LRO	L7V413199	4325	315/70R22.5 BRIDGESTONE ECOPIA DRIVE 154/150L
RRI	L7V411928	4325	315/70R22.5 BRIDGESTONE ECOPIA DRIVE 154/150L
RRO	J7V472579	2525	315/70R22.5 BRIDGESTONE ECOPIA DRIVE 154/150L
Position	Matricule #	DOT #	Size - Model
LF	6160383435	4025	315/70R22.5 CONTINENTAL CONTI EFFICIENT PRO HS5 158/150L
RF	6160383304	4025	315/70R22.5 CONTINENTAL CONTI EFFICIENT PRO HS5 158/150L
LRI	6160340397	4325	315/70R22.5 CONTINENTAL CONTI EFFICIENT PRO HD5 154/150L
LRO	6160361361	4325	315/70R22.5 CONTINENTAL CONTI EFFICIENT PRO HD5 154/150L
RRI	6160452837	4325	315/70R22.5 CONTINENTAL CONTI EFFICIENT PRO HD5 154/150L
RRO	6160340328	4325	315/70R22.5 CONTINENTAL CONTI EFFICIENT PRO HD5 154/150L

Position	Matricule #	DOT #	Size - Model
LF	1943911318	4525	315/70R22.5 GOODYEAR EQMAX S ULTRA 154/150L
RF	1943911336	4525	315/70R22.5 GOODYEAR EQMAX S ULTRA 154/150L
LRI	1943911883	4525	315/70R22.5 GOODYEAR EQMAX D ULTRA 154/150L
LRO	1943911880	4525	315/70R22.5 GOODYEAR EQMAX D ULTRA 154/150L
RRI	1943911861	4525	315/70R22.5 GOODYEAR EQMAX D ULTRA 154/150L
RRO	1943910563	4525	315/70R22.5 GOODYEAR EQMAX D ULTRA 154/150L
Position	Matricule #	DOT #	Size - Model
LF	1713239484	2324	315/70R22.5 HANKOOK SMART LINE AL50 156/150L
RF	1713239480	2324	315/70R22.5 HANKOOK SMART LINE AL50 156/150L
LRI	1686198343	2425	315/70R22.5 HANKOOK SMART LINE DL50 154/150L
LRO	1727362078	3724	315/70R22.5 HANKOOK SMART LINE DL50 154/150L
RRI	1727353227	3724	315/70R22.5 HANKOOK SMART LINE DL50 154/150L
RRO	1727362095	3824	315/70R22.5 HANKOOK SMART LINE DL50 154/150L

State: New

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Protocol (ref: MO 2 HD03)

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- Track running-in during 20 min before starting.
- For each set evaluated:
 - Disconnection of ASR and ESP system of the vehicle,
 - 2 laps performed for preconditioning (not recorded in the results),
 - 8 timed laps performed at the lateral grip limit,
 - Recording of air and track temperature, and wind speed.
- Results :
 - Speed average of the 5 timed laps,
 - Default type.

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	MICHELIN X® LINE ENERGY™ Z3 & D3	GOODYEAR EQMAX ULTRA S & D	CONTINENTAL CONTI EFFICIENT PRO HS5 & HD5	MICHELIN X® LINE ENERGY™ Z3 & D3		MICHELIN X® LINE ENERGY™ Z3 & D3	HANKOOK SMART LINE AL50 & DL50	BRIDGESTONE ECOPIA STEER & DRIVE	MICHELIN X® LINE ENERGY™ Z3 & D3
Time	08:55	09:25	10:00	10:35		10:35	11:15	11:55	12:25
Temperature Air	12.4	12.6	13.2	15.2		15.2	16.1	16.9	17.3
Temperature Track	14.5	14.4	15.8	16.3		16.3	17.8	18.1	18.0
Wind (m/s)	0.0	0.0	0.0	0.0		0.0	0.0	1.8	0.4
Laptime #1	35.95	37.62	36.79	36.25		36.25	39.02	38.71	36.56
Laptime #2	35.90	37.63	36.82	36.29		36.29	39.17	38.76	36.44
Laptime #3	36.10	37.61	36.74	36.33		36.33	39.32	38.87	36.47
Laptime #4	36.32	37.88	36.84	35.99		35.99	39.09	38.88	36.50
Laptime #5	36.17	37.70	36.65	36.29		36.29	39.33	38.81	36.57
Average laptime (in second)	36.09	37.69	36.77	36.23		36.23	39.19	38.81	36.51
Coef correction	1.0039	1.0026	1.0013	1.0000		1.0000	0.9975	0.9949	0.9924
Average laptime (in second) correlated	36.23	37.79	36.82	36.23		36.23	39.09	38.61	36.23
Average laptime (in%)	100	95.9	98.4	100		100	92.7	93.8	100
Ranking	1st	3rd	2nd				5th	4th	

● Comment when the Driver speeds up trying to reach the limit of the tire :

- MICHELIN X® LINE ENERGY™ Z3 & D3 : Under-steering behavior (70 kph)
- GOODYEAR EQMAX ULTRA S & D : Over-steering behavior (64 kph)
- CONTINENTAL CONTI EFFICIENT PRO HS5 & HD5 : Over-steering behavior - light (68 kph)
- HANKOOK SMART LINE AL50 & DL50 : Over-steering behavior (64 kph)
- BRIDGESTONE ECOPIA STEER & DRIVE : Under-steering behavior (65 kph)

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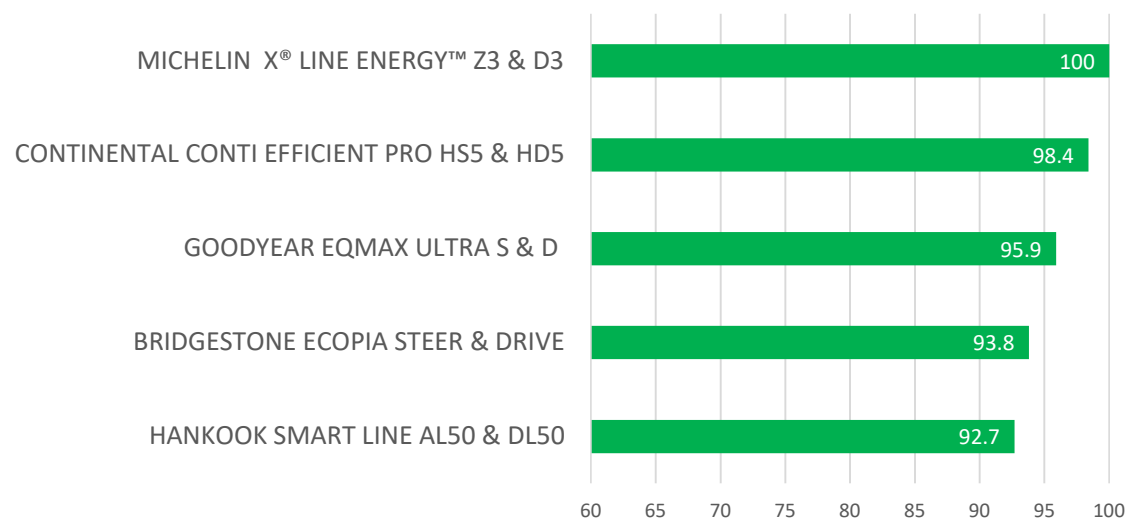
Results

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	Correlated average of the 5 recorded lap times	Ranking
MICHELIN X® LINE ENERGY™ Z3 & D3	36.23 s – 100 %	1 st
CONTINENTAL CONTI EFFICIENT PRO HS5 & HD5	36.82 s – 98.4 %	2 nd
GOODYEAR EQMAX ULTRA S & D	37.79 s – 95.9 %	3 rd
BRIDGESTONE ECOPIA STEER & DRIVE	38.61 s – 93.8 %	4 th
HANKOOK SMART LINE AL50 & DL50	39.09 s – 92.7 %	5 th



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DEKRA Test Center

Your contacts

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