

7Kc Friction

Q,4 Cars need high friction between the tyres and the road to allow the tyres to grip the road for moving the car, steering and braking. Water can act as a lubricant between the tyre and the road, reducing the friction and allowing the wheels to spin or to skid.

Q.5 a) Rubber tyres wear away due to friction between them and the road.

b) They are used at faster speeds, so wear away faster. They also tend to be made from stickier compounds, which wear away faster.