

13. Technical Conditions / Eco-conscious use of motor vehicles

13.1 General Safety

1. (2P) What should I ensure when refilling with engine oil?

- a) That I do not exceed the maximum fill level
- b) That I use engine oil that meets the vehicle manufacturer's specifications
- c) ~~That I refill the engine oil while the engine is running~~

2. (2P) What may be the result of too little coolant in the engine? Too little coolant can

- a) lead to overheating of the engine
- b) lead to engine damage
- c) ~~lead to an increase of fuel consumption~~

3. (2P) What is the function of engine oil in a combustion engine? Engine oil boosts

- a) cooling
- b) cleaning
- c) wear protection

4. (3P) Why it is beneficial to use low viscosity engine oil? Because these oils

- a) reduce fuel consumption
- b) generate less friction in the engine
- c) ~~can be disposed of a household waste~~

13.2 Other motor vehicle technology

1. (3P) You want to set off in an automatic car (hydraulic converter). What must you know?

- a) When selecting a gear, the car must, as a rule, be held by the service brakes
- b) ~~The selector level must only be moved when the engine has stopped~~
- c) ~~The engine revolutions must be raised considerably so that the engine does not stall~~

13.3 Using the brakes

1. (3P) Where can you stow your baggage so that you do not increase your fuel consumption unnecessarily?

- a) In the boot
- b) Behind the front seats
- c) ~~On the roof rack~~

2. (3P) You are driving a motor vehicle fitted with anti-lock braking system (ABS). How do you achieve the shortest possible braking distance? I apply the brakes

- a) suddenly and with maximum force.
 - b) ~~carefully and then increasingly harder~~
 - c) ~~multiple times at quick intervals and with maximum force~~
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