PASSAGE 4

Questions 31-40

15 minutes

GHI CHÚ

Các câu hỏi dễ hơn cần ưu tiên trả lời đúng

★ Câu hỏi thông tin chi tiết: 38

★ Câu hỏi tham chiếu: 37

★ Câu hỏi từ vựng: 32, 35

★ Câu hỏi ý chính: 31

A new trend in vehicle technology is to design systems that run on natural gas instead of gasoline or diesel. Compressed natural gas (CNG) is far better for the environment than either gasoline or diesel because it burns cleaner, vehicles that run on natural gas instead of gasoline or diesel are more fuel efficient, and CNG is less expensive than more traditional options. Auto and truck manufacturers are rushing to bring new engines to market that run on natural gas and to **modify** existing engines to run on natural gas.

There is a growing market for fuel-efficient vehicles in the United States and around the world, and vehicles that run on natural gas are at the forefront of meeting this demand. Most of the market for fuel-efficient vehicles that run on natural gas are companies with large fleets of trucks, specifically energy companies, field service companies, telecom companies, and government fleets. They are making the decision to switch to CNG vehicles primarily because of the fuel savings, but also for the environmental benefits and the push toward supporting a domestic fuel source that creates economic growth in the United States.

Compressed natural gas is produced in the United States as well as around the world, so using CNG gives American companies a way to use a local fuel source that is not subject to fluctuations in the international market or external **factors** affecting the price of gasoline, such as conflicts in oil-producing regions, OPEC, or other political maneuverings. Increasing CNG use and production in the United States also contributes to the country's gross domestic product (GDP), a number that indicates the health and strength of the country's economy overall. Using CNG is good for the economy.

In addition, because of the political visibility of the vast benefits of CNG, many states are implementing tax incentives that further reduce the cost of converting current vehicles

from using gasoline to using CNG. At the same time, vehicles are being designed to use either CNG alone or to have duel-combustion systems that can run on either gasoline or compressed natural gas. Because of rapid industry growth and the increased availability of CNG technology, companies producing CNG or developing CNG conversion technology are investing in the development of infrastructure (CNG fueling stations) needed to support the rising number of CNG vehicles on the road.

Converting a vehicle that currently runs on gasoline or diesel to run on CNG is a simple process consisting of installing a converter unit to the existing engine. **These units** are produced by companies that have obtained certification from environmental agencies that have determined the parameters for considering a CNG engine conversion "clean" enough to be environmentally friendly. The companies that produce these conversion units install them into existing vehicles owned by the companies that request them, or to new vehicles delivered straight from the vehicle manufacturer to the CNG conversion company. Technicians install the CNG converter units, test the installation, and deliver them to the customer company, which can begin using the vehicles immediately.

Because of the simplicity and relatively low cost of converting engines to using CNG, it makes solid financial sense for companies running large fleets of trucks to convert them. Once the tax savings and incentives to these companies are figured in, the conversion process is a negligible expense that pays for itself almost immediately. As more and more companies running fleets of trucks discover the financial benefits of running their trucks on CNG instead of gasoline, the market for CNG conversions and CNG-native engines will continue to increase.

31 What is the passage mainly about?

A. what compressed natural gas is.

B. why companies are becoming more environmentally friendly.

C. compressed natural gas as a fuel source that is good for the environment and for companies that convert to it.

D. how CNG conversion is performed on a truck that runs on gasoline.

32 The word '**modify**' in paragraph 1 is closest in meaning to

A. substitute **B.** make less intense

C. change **D.** reduce

33 Why does the author mention energy companies in paragraph 2?

A. to give examples of companies that use fleets of trucks and might use CNG vehicles.

B. to question whether the market is so narrow that the technology is not worth pursuing

C. to examine the motivations for these companies to make such a radical choice for fuel

D. to describe the process of converting a gasoline engine to a CNG engine

34 What is NOT a reason for companies using CNG vehicles?

A. to protect the environment

B. to save fuel

C. to promote use of local fuel source

D. to be forced by the government

35 The word '**factors**' in paragraph 3 is closest in meaning to

A. issues

B. disasters

C. products

D. benefits

36 What best paraphrases the following sentence in paragraph 4?

Because of rapid industry growth and the increased availability of CNG technology, companies producing CNG or developing CNG conversion technology are investing in the development of infrastructure (CNG fueling stations) needed to support the rising number of CNG vehicles on the road.

A. CNG producers would like to see more CNG fueling stations available for users of CNG and companies that convert trucks to using CNG.

B. Companies that install CNG converters do not know where to refuel on CNG because there are still very few CNG fueling stations.

C. CNG producers are investing in CNG fueling stations to support the companies that perform CNG conversions on trucks.

D. CNG producers and companies that sell truck conversions are investing in building CNG fuel stations to support growth in the use of CNG.

37 The phrase '**these units**' in paragraph 5 refers to

A. CNG fueling stations

B. gasoline engines

C. CNG engines

D. CNG engine conversion units

38 Why converting truck engines using gasoline to CNG is easy?

A. the conversion is financed by environmental groups

B. the conversion simply requires installing one premade unit onto the engine

C. the conversion can be done by the driver of the truck

D. the conversion is done when the truck is manufactured in the factory

39 Which is NOT true about trucks that run on CNG?

A. They are cheaper to run than trucks that run on gasoline.

B. The conversion process makes them more difficult to drive than trucks that run on gasoline.

C. They have a smaller environmental impact than trucks that run on gasoline.

D. Companies can have them converted to run CNG before delivery.

40 The passage implies that

A. trucks that run on CNG have more cargo space than trucks that run gasoline

B. more trucks will run on CNG in the future

C. CNG fueling stations will be subsidized by CNG producers

D. the long-term environmental benefits of running a truck on CNG do not outweigh the significant costs of converting the truck

HỌC TỪ VỰNG

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