

- 21** A crane is being used to lift containers off a ship. One container has a mass of 14 000 kg and is being lifted vertically with a speed of 3.2 m s^{-1} .

The electric motor being used to supply the power to lift the container is using a current of 240 A at a potential difference of 2200 V.

What is the efficiency of the system?

- A** 8.1 % **B** 8.5 % **C** 48 % **D** 83 %

- 22** Treino supply coal to a power station. The table below gives quantities describing the operation of