

Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) The purpose of the oil filter bypass valve is to _____. 1) _____
 - A) allow oil to bypass the filter if the filter becomes clogged
 - B) keep the oil from draining out of the filter when the engine is shut off
 - C) allows oil to bypass the oil filter when the oil is hot, to help cool the oil
 - D) Both B and C

- 2) Which rating is the ACEA rating specified for use by many European vehicle manufacturers? 2) _____
 - A) SAE
 - B) A3/B3
 - C) SM
 - D) GF-4

- 3) Many oils are identified by two numbers (i.e. 10W-30). These types of oil are referred to as _____ oils. 3) _____
 - A) binumeral
 - B) 2-number
 - C) multi-grade
 - D) semi-grade

- 4) Older engines that use flat-bottom lifters should use oil (or an additive) that has enough _____. 4) _____
 - A) viscosity
 - B) ZDDP (zinc)
 - C) polyalpholefin (POA)
 - D) diesters

- 5) Most high mileage oils cannot meet IISAC GF-4 rating and are, therefore, _____ for use in most engines. 5) _____
 - A) highly recommended
 - B) dangerous
 - C) not recommended
 - D) harmful

- 6) Technician A says that all high milage oils are synthetic. Technician B says that synthetic and mineral oils are miscible. Which technician is correct? 6) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 7) Oil with a high viscosity has a _____ resistance to flow than oil with a lower viscosity. 7) _____
A) higher
B) lower
C) equal
D) none of these
- 8) Technician A always inspects or replaces the drain plug gasket when performing an oil change. Technician B says that warm oil holds contaminants and flows faster than cold oil. Who is correct? 8) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 9) Using the incorrect multi-grade oil can cause the check engine light to come on. 9) _____
A) True
B) False
- 10) Two technicians are discussing oil filters. Technician A says that the oil will remain perfectly clean if just the oil filter is changed regularly. Technician B says that oil filters can filter particles smaller than the human eye can see. Which technician is correct? 10) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

Answer Key

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1) A

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2) B

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3) C

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4) B

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5) C

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6) C

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7) A

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8) C

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9) A

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10) B

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