

Name _____

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

- 1) In typical engine lubrication systems, what components are the last to receive oil? 1) _____
A) Main bearings
B) Rod bearings
C) Valve train components
D) Oil filters

- 2) The oil pressure relief valve controls _____ oil pressure. 2) _____
A) Maximum
B) Minimum
C) Average
D) Low speed

- 3) What keeps the oil filter full of oil when the engine is shut off? 3) _____
A) Blow-by valve
B) The bypass valve
C) Drain plug valve
D) Anti-drainback valve

- 4) Which of these is NOT a possible cause of low oil pressure? 4) _____
A) Worn rod bearings
B) Worn cam lobes
C) Worn main bearings
D) Incorrect oil viscosity

- 5) A tropical oil pump can pump how many gallons per minute? 5) _____
A) 3 to 6 gallons
B) 6 to 10 gallons
C) 10 to 60 gallons
D) 50 to 100 gallons

- 6) Normal oil pump pressure in an engine is _____ PSI. 6) _____
A) 3 to 7
B) 10 to 60
C) 100 to 150
D) 180 to 210

- 7) Most diesel engine oil coolers may use _____ to control the temperature of the oil. 7) _____
A) Air
B) Large fans
C) Either A or B
D) Neither A nor B

- 8) Which of these API oil classifications are for 2018 and later diesel engines? 8) _____
- A) CJ-4 or CH-4
 - B) CJ-4 only
 - C) CK-4 or FA-4
 - D) Any of these can be used
- 9) Technician A says that oil temperature should not exceed 300°F. Technician B says that on a 90°F day oil temperature will be about 300°F. Which technician is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 10) Hydrodynamic lubricants, created by the wedging action of oil between the crankshaft journal and the bearing, can be as high as _____ PSI. 10) _____
- A) 60
 - B) 120
 - C) 500
 - D) 1,000

Answer Key

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1) C

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2) A

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3) D

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4) B

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5) A

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6) B

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7) D

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8) C

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9) A

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10) D

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