

Name: _____ Date: _____

1. What is the primary base component of brake fluid?
 - A. Petroleum
 - B. Glycol
 - C. Silicone
 - D. Mineral Oil

2. Which characteristic is NOT a requirement for brake fluid?
 - A. High boiling point
 - B. High freezing point
 - C. Ability to damage rubber parts
 - D. Low freezing point

3. DOT 3 brake fluid is most susceptible to what kind of absorption?
 - A. Oil
 - B. Moisture
 - C. Air
 - D. Heat

4. What is the typical color of new polyglycol brake fluid?
 - A. Red
 - B. Green
 - C. Clear to amber
 - D. Blue

5. What is the main disadvantage of DOT 5 brake fluid in ABS systems?
 - A. It has an affinity for air
 - B. It is corrosive
 - C. It absorbs too much moisture
 - D. It has a low boiling point

6. DOT 4 LV brake fluid is specified for use in what kind of vehicles?
 - A. Older vehicles
 - B. Motorcycles
 - C. Newer vehicles
 - D. European vehicles

7. What is the recommended interval for changing brake fluid to prevent brake system component corrosion?
 - A. Every year
 - B. Every two years or 30,000 miles
 - C. Every 50,000 miles
 - D. Every 100,000 miles

8. Which DOT brake fluid is known for not absorbing any water?

- A. DOT 3
- B. DOT 4
- C. DOT 5
- D. DOT 5.1

9. What is the effect of moisture on the boiling point of brake fluid?

- A. Increases it
- B. Decreases it
- C. Stabilizes it
- D. Has no effect

10. According to SAE Standard J1047, brake lines must withstand what minimum pressure?

- A. 5,000 PSI
- B. 6,000 PSI
- C. 7,000 PSI
- D. 8,000 PSI

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Chapter 96

Multiple Choice Quiz A

Answer Key

1. B

2. C

3. B

4. C

5. A

6. C

7. B

8. C

9. B

10. D