

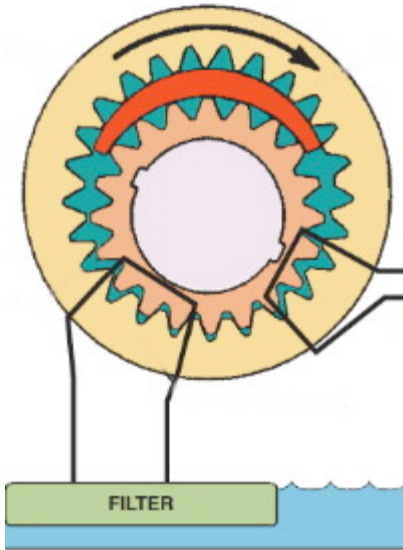
Name _____

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

1) If a fluid pressure of 50 psi is exerted on a piston area of 10 in², it will generate a force of _____ lbs. 1) _____
A) 10
B) 50
C) 100
D) 500

2) Normal automatic transmission fluid pressure in reverse is _____. 2) _____
A) 150 to 300 PSI
B) 60 to 120 PSI
C) 90 to 150 PSI
D) None of these

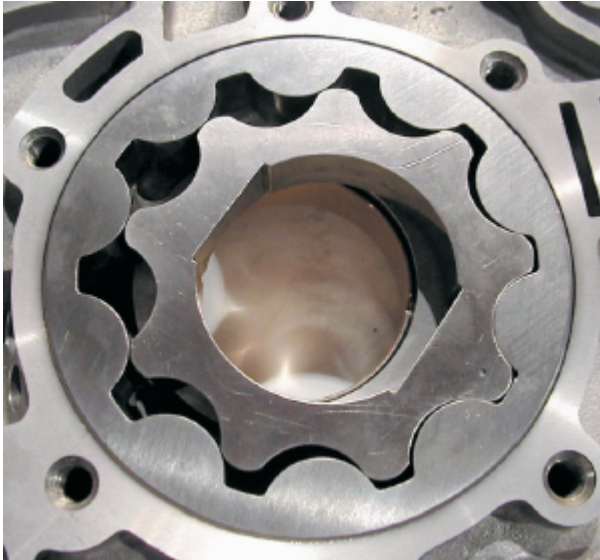
3) The picture shows what type of pump? 3) _____



- A) Gear pump
- B) Vane pump
- C) Gerotor pump
- D) None of these

4) The picture shows what type of pump?

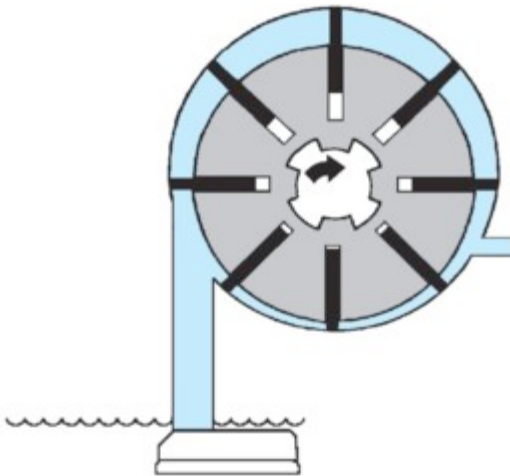
4) _____



- A) Gear pump
- B) Vane pump
- C) Gerotor pump
- D) None of these

5) This picture shows what type of pump?

5) _____



- A) Gear pump
- B) Vane pump
- C) Gerotor pump
- D) None of these

6) Fluid under pressure can be used to transmit motion and force because _____.

6) _____

- A) Fluids cannot be compressed
- B) Fluid conforms to the shape of its container
- C) Fluids under pressure will apply pressure equally in all directions
- D) All of these

- 7) If pressure is uniform in a hydraulic system, then a large output piston will develop _____ output force than a small output piston. 7) _____
- A) Less
 - B) More
 - C) Equal
 - D) It depends on what type of fluid is used.
- 8) Fluid pressure is maintained in a transmission that uses a stop-start system using _____. 8) _____
- A) A chain driven pump
 - B) An electric pump
 - C) An electric shifter
 - D) A rear pump assembly
- 9) The part of a spool valve where pressure is applied to cause the valve movement is called the _____. 9) _____
- A) Land
 - B) Bore
 - C) Valley
 - D) Face
- 10) If 100 lbs. of force is applied to 1 sq. in. of area, how much fluid pressure is created? 10) _____
- A) 10 PSI
 - B) 100 PSI
 - C) 1 PSI
 - D) 100 lbs

Answer Key

Testname: ATT7_3B

1) D

Page Ref: 30

2) A

Page Ref: 36

3) A

Page Ref: 31

4) C

Page Ref: 31

5) B

Page Ref: 31

6) D

Page Ref: 30

7) B

Page Ref: 30

8) B

Page Ref: 37

9) D

Page Ref: 34

10) B

Page Ref: 30