Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

**Meets ASE Task:** (Not specified by ASE)

**Diesel Engine Identification**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Number of cylinders = \_\_\_\_\_\_\_\_ Arrangement of cylinders = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Number and arrangement of camshafts = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Bore = \_\_\_\_\_\_\_\_ Stroke = \_\_\_\_\_\_\_ Cu. in. = \_\_\_\_\_\_ cc = \_\_\_\_\_\_ Liters = \_\_\_\_\_\_

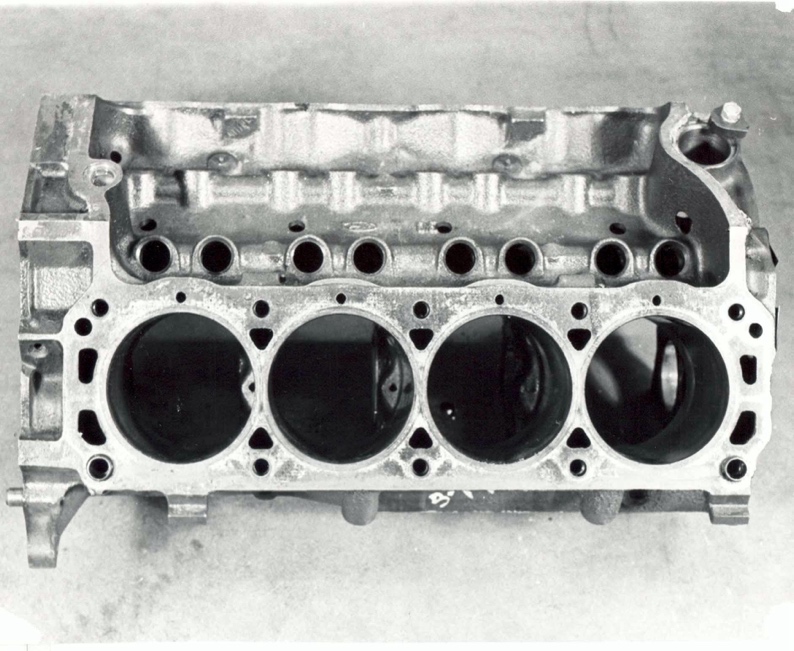
4. Rated HP = \_\_\_\_\_\_\_\_ @ RPM \_\_\_\_\_\_\_

5. Rated torque = \_\_\_\_\_\_\_\_\_ @ RPM \_\_\_\_\_\_\_

6. Compression ratio = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Recommended cetane rating of fuel required = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. The block is constructed of:  cast iron  aluminum

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9. Cylinder head(s) is constructed of:  cast iron  aluminum

10. Intake manifold is:  one piece  two pieces (upper and lower) and is

constructed of:  cast iron  aluminum  composite

11. Casting numbers on the block \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cylinder head(s) \_\_\_\_\_\_\_\_\_\_\_\_

Crankshaft \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_