

Motor Oil Quiz

Name: _____

Class Period: _____

- 1) List three of the functions of motor oil.
Lubrication, cooling, cleaner, provide a chemical cushion, seal the combustion chamber

- 2) Do most drivers drive under normal or sever driving conditions?
Sever

- 3) What do SAE and API stand for?
Society of Automotive engineers, and The American Petroleum Institute

- 4) What does the “w” stand for in 10W-40?
Winter

- 5) Define the term viscosity.
The oils ability to resist flow, its thickness

- 6) List three additives put into motor oil
Detergent, dispersant, antiwear, antioxidant, corrosion inhibitor, antifoam, viscosity modifier

- 7) Explain the difference between conventional and synthetic motor oil.
Conventional is nature oil that is pumped out of the ground and refined
Synthetic is man made and has a greater tolerance to temperature and break down.