

Quiz 45

1) Oil additives, designed for a particular oil characteristic:

- a. should not adversely affect any other characteristics
- b. will always affect the pour point greatly
- c. should be used as little as possible
- d. are not a component of most lube oils
- e. never lose their effect during use of the oil

2) Relative to lubrication, one place where wear is beneficial is:

- a. new babbitt bearing surfaces which wear smooth
- b. on pump wear rings
- c. on the oil pump sealing surfaces
- d. on the cylinder walls of internal combustion engines
- e. in anti-friction bearings

3) The acidity of the lubricating oil is indicated with a number and named:

- a. pH
- b. acidity
- c. alkalinity
- d. neutralization
- e. viscosity index

4) The instrument which measures the viscosity of an oil at a certain temperature as it flows through a small diameter tube, is called a/an:

- a. orifice plate
- b. Saybolt Viscosimeter
- c. oil meter
- d. thermocouple
- e. pyrometer

5) The intermeshing of gear teeth is a place where lubrication:

- a. corrosion reduction is very important
- b. friction reduction is very important
- c. sealing is very important
- d. shock absorption is very important
- e. temperature control is very important

6) The oil for a refrigeration compressor must

- a. have a low pour point
- b. react chemically with the refrigerant
- c. have a high flash point
- d. have a high fire point
- e. be a multi-grade type

Quiz 45 Answers:

1 = a, 2 = a, 3 = d, 4 = b, 5 = d, 6 = a