**Activity 2:**

**Forms of Film Condition and Lubrication Selection**

**Name: Date:**

***These answers will form part of your assessment for this module. Think carefully about your answers.***

1. What are the four different types of lubricant film conditions that exist and give a brief description of each.
2. Name and briefly describe the three different conditions of full or thick film conditions.
3. What factors determine the selection of a lubricant?
4. What type of viscosity would you use for the following?
5. for light loads and high speeds
6. for high loads and low speeds
7. Give two advantages of an Oil based lubricant and two for a grease-based lubricant.
8. Name four different methods of applying a lubricant.
9. Why is it important to change the lubricant filters/strainers at recommended intervals?
10. What is the rule of thumb when investigating bearings to see if it needs lubricating?