

## Oil Assignment

Name \_\_\_\_\_

Autos Level \_\_\_\_\_ Hour \_\_\_\_\_

Score \_\_\_\_\_ of 50pts.

In your own words (not copy and paste), tell me in detail how the oil system(lubrication) works in an engine.

Be very descriptive in the process and avenues that the oil takes as well as the purpose of the system.

Also, why is it needed?

Then explain the **difference in synthetic oil and conventional oil** being very descriptive on the molecular make-up of each. I also want to know the advantages and disadvantages of either in the warm weather and cold weather applications. Finally, tell me the good and bad points to using each oil in new vehicles with few miles and older vehicles with high mileage.

Reference website, be exact so that I can locate your information with ease!