

Automotive Technology 6th Edition

Chapter 70 – Diesel and Biodiesel Fuels

Lesson Plan

CHAPTER SUMMARY:



1. Diesel fuel, biodiesel, and E-diesel fuel
-

OBJECTIVES:



1. Explain diesel fuel specifications and API gravity.
 2. List the advantages and disadvantages of biodiesel.
 3. Explain e-diesel specifications.
-

RESOURCES: (All resources may be found at <http://www.jameshalderman.com>) Internet access required to hyperlink.



1. **Task Sheet:** Diesel Fuel
 2. **Task Sheet:** Biodiesel Fuel
 3. Chapter PowerPoint
 4. Chapter Crossword Puzzle and Word Search
 5. Videos: [\(A9\) Light Diesel Videos](#)
 6. Animations: [\(A9\) Light Diesel Animations](#)
-

ACTIVITIES:



1. **Task Sheet:** Have students complete Diesel Fuel Task Sheet.
 2. **Task Sheet:** Have students complete Biodiesel Fuel Task Sheet.
-

ASSIGNMENTS:



1. Chapter crossword and word search puzzles.
 2. Complete end of chapter 10 question quiz.
-

CLASS DISCUSSION:



1. Review and group discussion chapter [Frequently Asked Questions](#) and [Tech Tips](#) sections.
 2. Review and group discussion of the five (5) chapter [Review Questions](#).
-

NOTES AND EVALUATION:

