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How Algae Biodiesel Works

by Stefani Newman

http://science.howstuffworks.com/algae-biodiesel1.htm

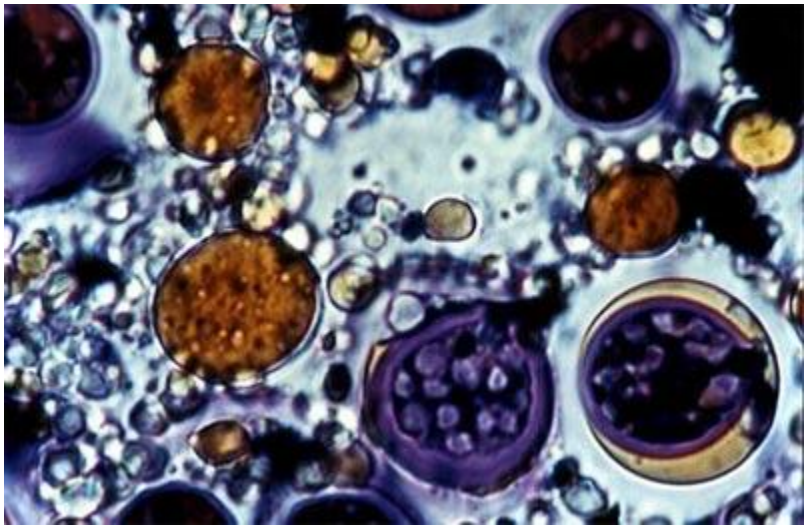


Photo courtesy: U.S. Department of Energy

Pretty, isn't it? Although this looks like abstract art, this stuff could be fueling our cars and airplanes in the near future.

1. What is the difference between Alga and algae?
2. What percent of the weight of algae is lipid oil?
3. Does biodiesel burn cleaner and more efficiently than petroleum?
4. What year was algal biofuels first explored as a fuel alternative?
5. **How many species of algae are there?**
6. **Why are algae biodiesel manufacturers close to energy manufacturing plants?**
7. What two leftovers of algae biodiesel production can be useful?
8. What three factors affect the amount of oil that can be obtained from algae?
9. Describe the process of making biodiesel from the video.

References

Newman, Stefani. "How Algae Biodiesel Works." 18 June 2008. HowStuffWorks.com. <http://science.howstuffworks.com/algae-biodiesel.htm> 06 April 2010.